

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015853.D
 Acq On : 06 Oct 2023 10:03
 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: Oct 07 07:22:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102023	52.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.716	113	98841	53.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.160%	
50) Toluene-d8	10.179	98	332658	55.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.483	95	128684	52.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	47568	52.305	ug/l	98
3) Chloromethane	2.107	50	55814	55.224	ug/l	99
4) Vinyl Chloride	2.247	62	69786	54.822	ug/l	96
5) Bromomethane	2.650	94	49940	56.457	ug/l	100
6) Chloroethane	2.784	64	51773	56.941	ug/l	99
7) Trichlorofluoromethane	3.119	101	127941	51.803	ug/l	98
8) Diethyl Ether	3.527	74	55423	51.472	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	83481	51.858	ug/l	95
10) Methyl Iodide	4.088	142	85823	55.469	ug/l	96
11) Tert butyl alcohol	4.985	59	93826	226.625	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	70201	54.530	ug/l	93
13) Acrolein	3.729	56	33746	224.821	ug/l	98
14) Allyl chloride	4.472	41	126381	52.070	ug/l	92
15) Acrylonitrile	5.161	53	195311	232.530	ug/l	97
16) Acetone	3.954	43	229723	227.901	ug/l	91
17) Carbon Disulfide	4.186	76	115525	55.121	ug/l	98
18) Methyl Acetate	4.479	43	161298	49.167	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	303925	49.947	ug/l	99
20) Methylene Chloride	4.710	84	103230	47.687	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	80515	54.294	ug/l	96
22) Diisopropyl ether	6.118	45	319716	50.728	ug/l	91
23) Vinyl Acetate	6.058	43	937331	245.718	ug/l	95
24) 1,1-Dichloroethane	6.015	63	171696	51.302	ug/l	96
25) 2-Butanone	6.984	43	303680	219.019	ug/l	96
26) 2,2-Dichloropropane	6.978	77	155090	49.867	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	110617	51.602	ug/l	94
28) Bromochloromethane	7.332	49	89929	45.947	ug/l	94
29) Tetrahydrofuran	7.350	42	178377	230.559	ug/l	92
30) Chloroform	7.502	83	189069	50.500	ug/l	96
31) Cyclohexane	7.783	56	110286	50.289	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	157884	51.585	ug/l	98
36) 1,1-Dichloropropene	7.917	75	119084	53.601	ug/l	99
37) Ethyl Acetate	7.076	43	114695	46.133	ug/l	96
38) Carbon Tetrachloride	7.899	117	135466	51.857	ug/l	100
39) Methylcyclohexane	9.185	83	124939	52.583	ug/l	92
40) Benzene	8.161	78	364618	52.302	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	64784	54.430	ug/l #	87
42) 1,2-Dichloroethane	8.234	62	126226	50.288	ug/l	94
43) Isopropyl Acetate	8.271	43	203783	47.621	ug/l	97
44) Trichloroethene	8.941	130	103697	50.826	ug/l	97
45) 1,2-Dichloropropane	9.215	63	105248	51.042	ug/l	100
46) Dibromomethane	9.307	93	65932	50.013	ug/l	97
47) Bromodichloromethane	9.496	83	153006	50.002	ug/l	99
48) Methyl methacrylate	9.295	41	88678	47.447	ug/l	88
49) 1,4-Dioxane	9.313	88	27360	926.515	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	625194	233.542	ug/l	93
52) Toluene	10.246	92	238694	52.331	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	162551	50.627	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	174558	51.212	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	100474	48.514	ug/l	96
56) Ethyl methacrylate	10.508	69	150308	50.055	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	164709	49.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	425473	243.169	ug/l	95
59) 2-Hexanone	10.831	43	474267	228.311	ug/l	89
60) Dibromochloromethane	10.983	129	118519	49.546	ug/l	99
61) 1,2-Dibromoethane	11.087	107	95258	49.217	ug/l	99
64) Tetrachloroethene	10.721	164	108177	51.923	ug/l	95
65) Chlorobenzene	11.514	112	278463	50.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113075	50.171	ug/l	99
67) Ethyl Benzene	11.593	91	483400	51.523	ug/l	100
68) m/p-Xylenes	11.703	106	371336	104.118	ug/l	95
69) o-Xylene	12.032	106	184043	51.880	ug/l	96
70) Styrene	12.044	104	322446	52.066	ug/l	95
71) Bromoform	12.209	173	83501	49.686	ug/l	99
73) Isopropylbenzene	12.331	105	489608	50.830	ug/l	100
74) N-amyl acetate	12.142	43	180687	48.544	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	137128	48.194	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	177077	80.445	ug/l #	100
77) Bromobenzene	12.611	156	121175	50.852	ug/l	96
78) n-propylbenzene	12.672	91	590345	51.168	ug/l	100
79) 2-Chlorotoluene	12.758	91	337396	50.781	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	409742	51.042	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	46799	49.216	ug/l	92
82) 4-Chlorotoluene	12.855	91	348592	50.129	ug/l	99
83) tert-Butylbenzene	13.075	119	362705	49.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	412775	51.184	ug/l	99
85) sec-Butylbenzene	13.251	105	546246	50.741	ug/l	100
86) p-Isopropyltoluene	13.373	119	453775	50.617	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	237916	49.867	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241265	50.015	ug/l	99
89) n-Butylbenzene	13.696	91	428882	50.276	ug/l	97
90) Hexachloroethane	13.959	117	90004	51.435	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	226755	50.466	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26231	45.944	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	143321	49.007	ug/l	99
94) Hexachlorobutadiene	15.111	225	72045	47.279	ug/l	98
95) Naphthalene	15.239	128	373393	47.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132591	48.389	ug/l	99

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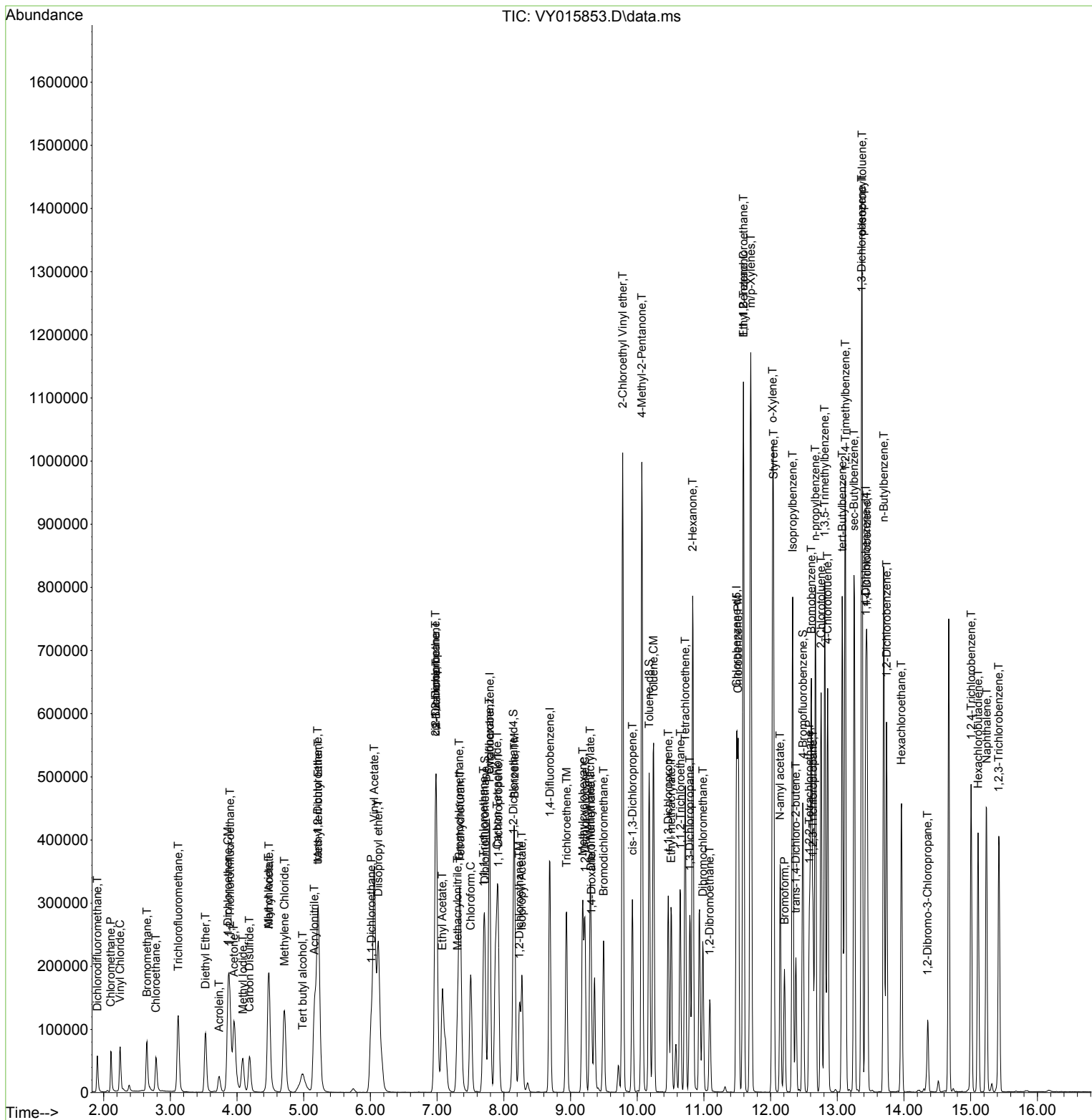
Instrument :
MSVOA_Y
ClientSampleId :

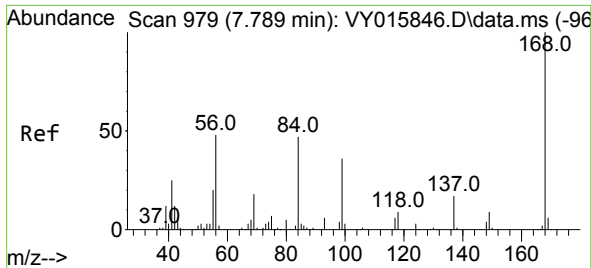
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

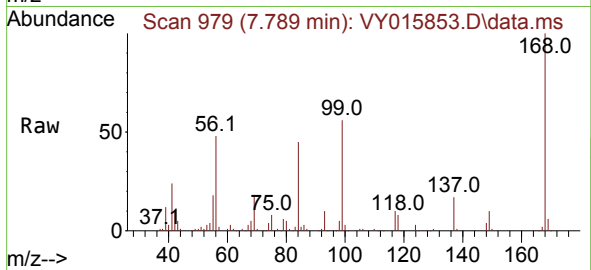
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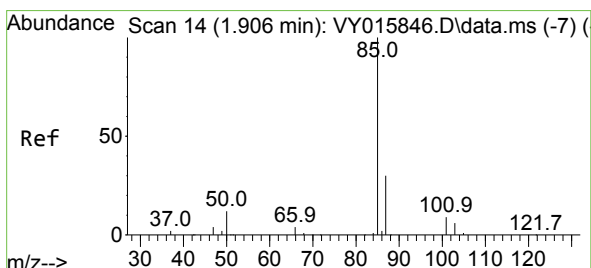
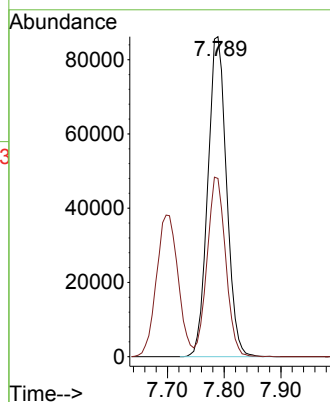
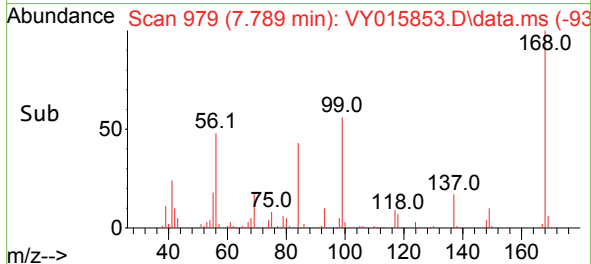


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015853.D
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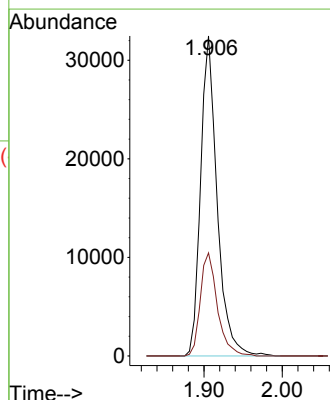
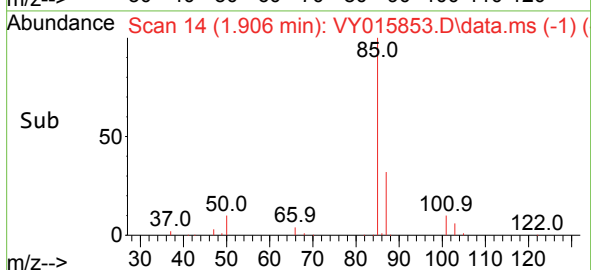
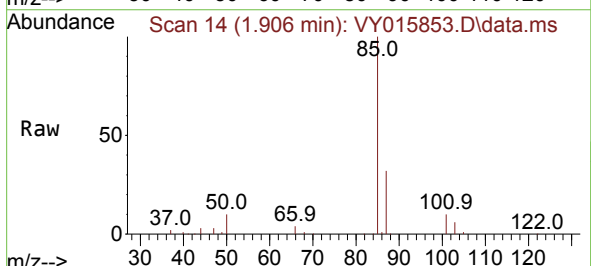


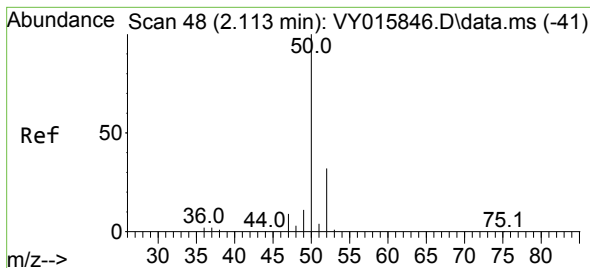
Tgt Ion:168 Resp: 197757
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 52.305 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 85 Resp: 47568
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8





#3

Chloromethane

Concen: 55.224 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

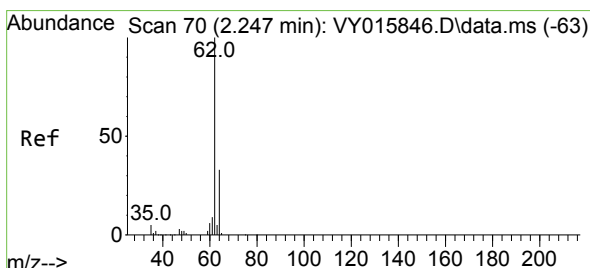
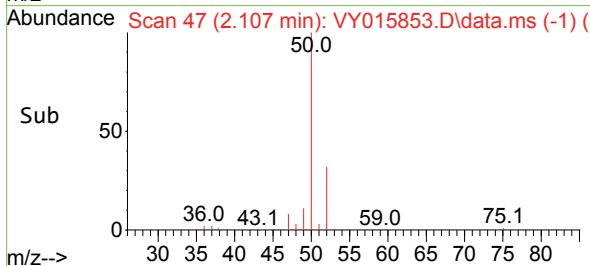
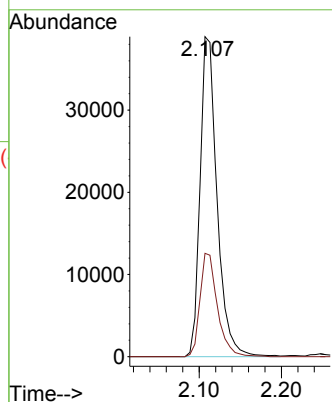
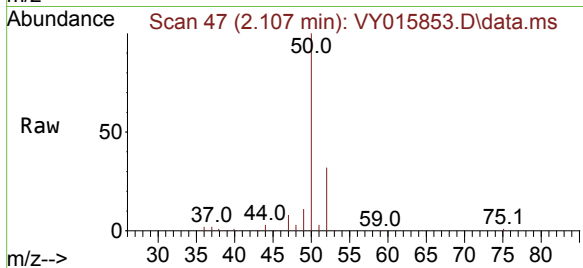
ClientSampleId :

Tgt Ion: 50 Resp: 55814

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 54.822 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015853.D

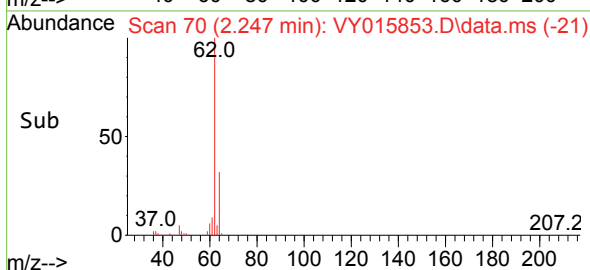
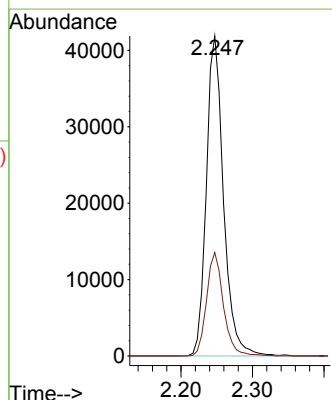
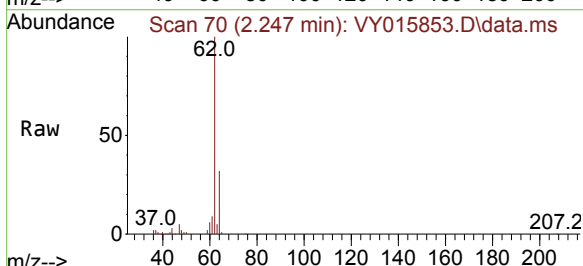
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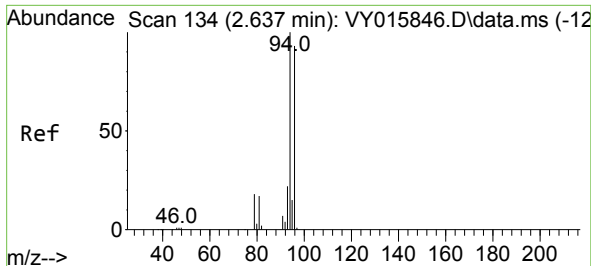
Tgt Ion: 62 Resp: 69786

Ion Ratio Lower Upper

62 100

64 32.3 24.3 36.5

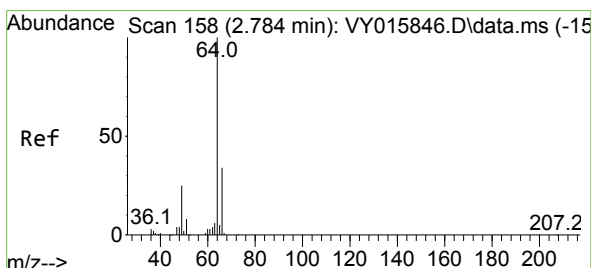
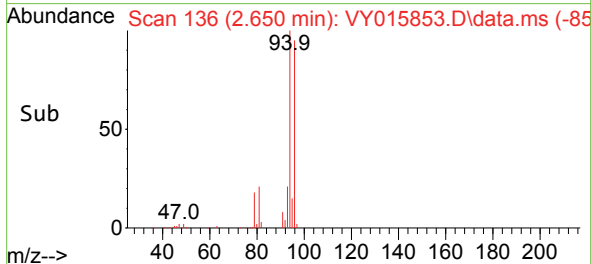
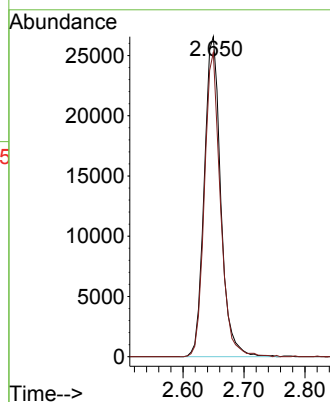
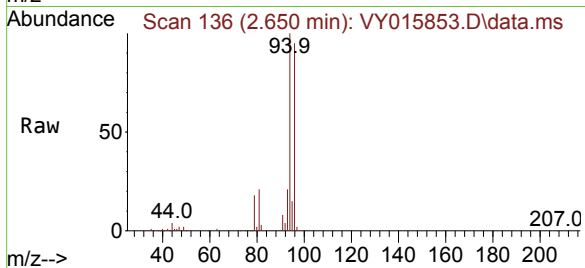




#5
Bromomethane
Concen: 56.457 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

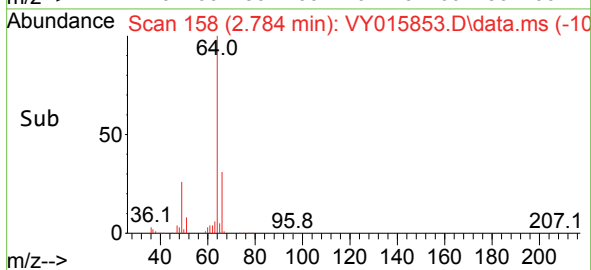
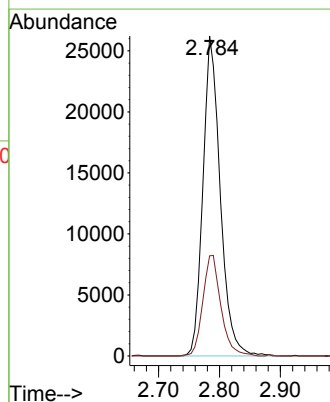
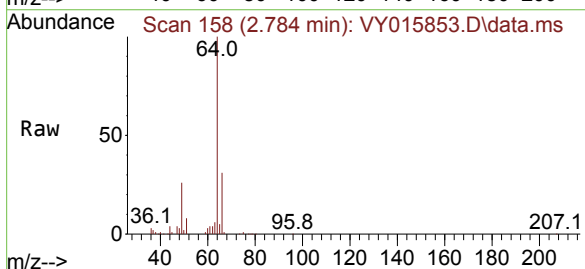
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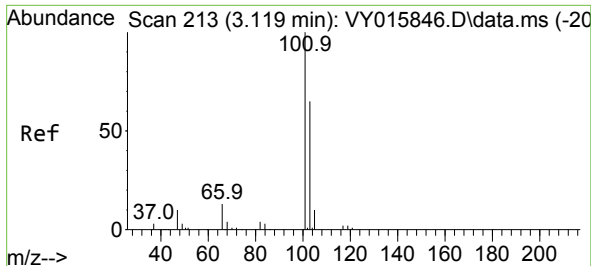
Tgt Ion: 94 Resp: 49940
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6



#6
Chloroethane
Concen: 56.941 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 64 Resp: 51773
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

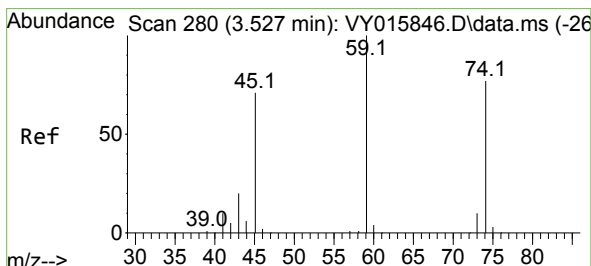
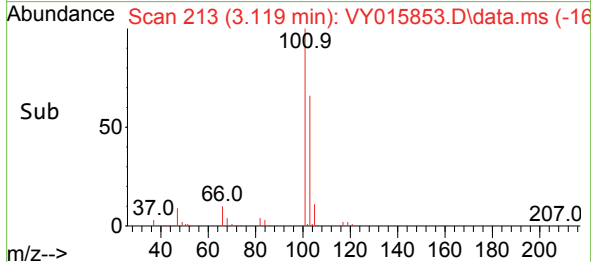
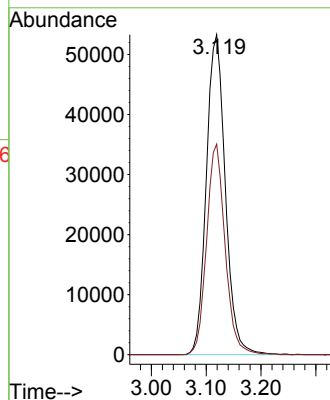
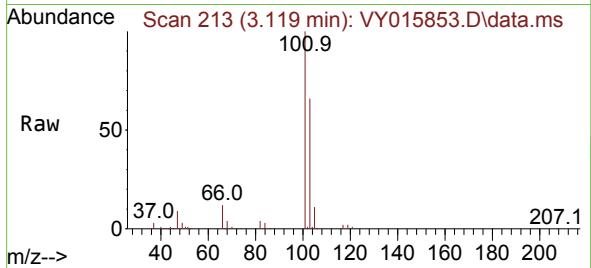




#7
 Trichlorofluoromethane
 Concen: 51.803 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

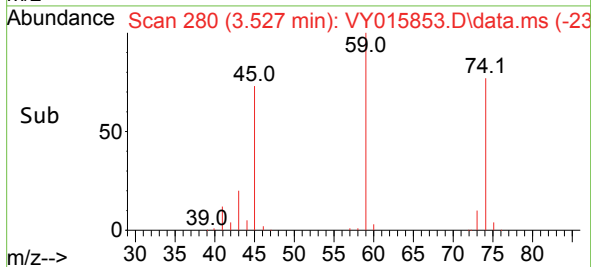
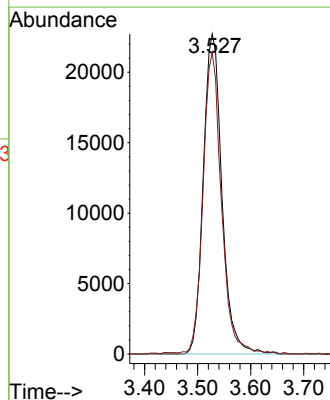
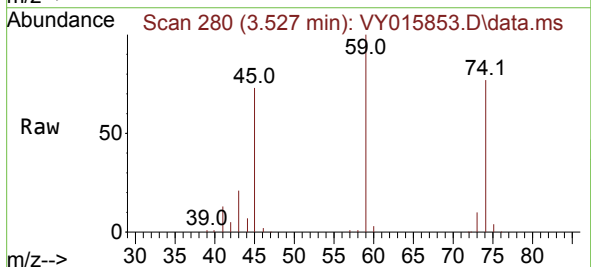
Instrument :
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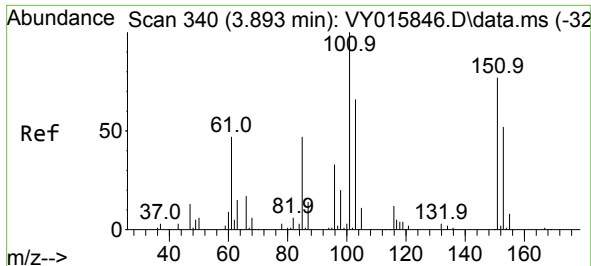
Tgt Ion:101 Resp: 127941
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.472 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

Tgt Ion: 74 Resp: 55423
 Ion Ratio Lower Upper
 74 100
 45 93.3 51.5 154.5

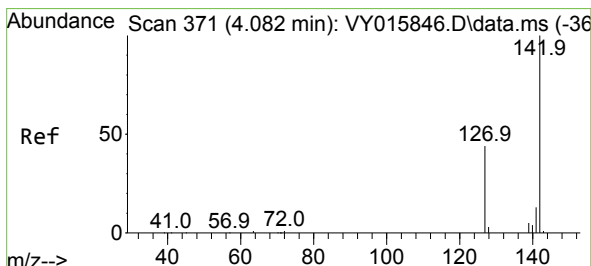
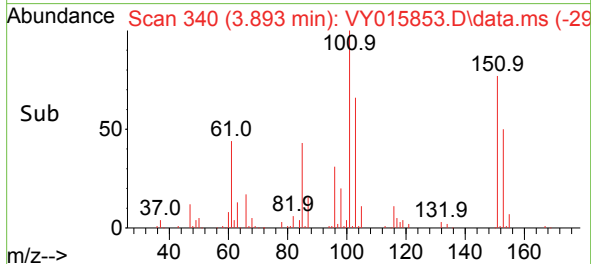
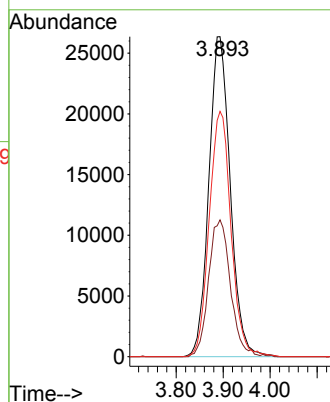
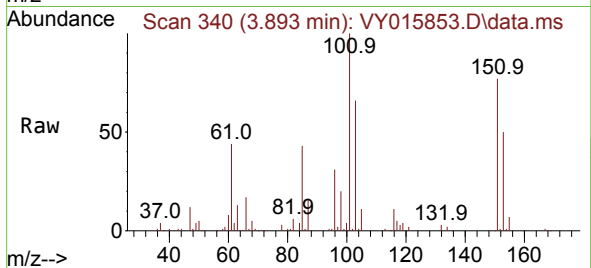




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.858 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

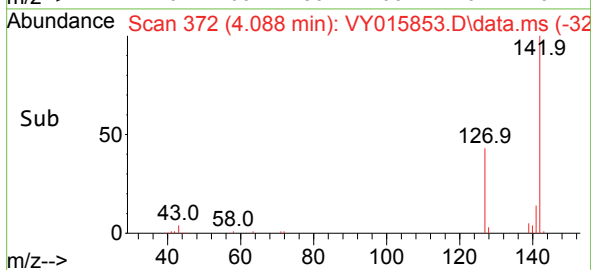
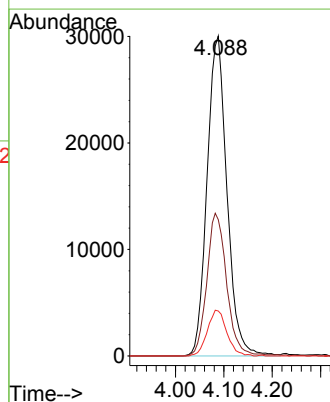
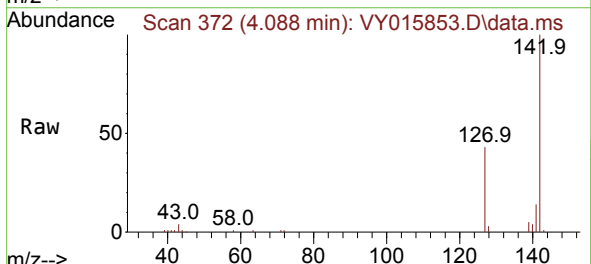
Instrument :
MSVOA_Y
ClientSampleId :

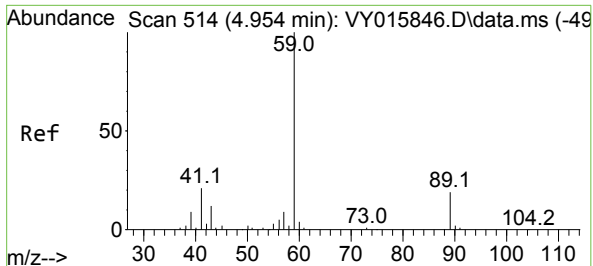
Tgt Ion:101 Resp: 83481
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 55.469 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion:142 Resp: 85823
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 226.625 ug/l

RT: 4.985 min Scan# 514

Delta R.T. 0.031 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

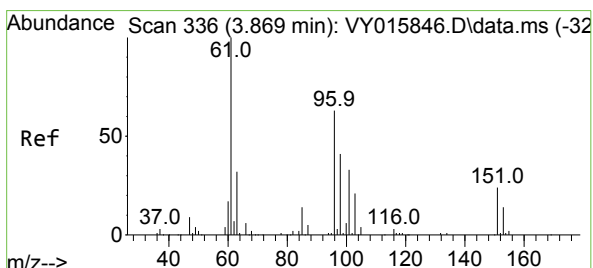
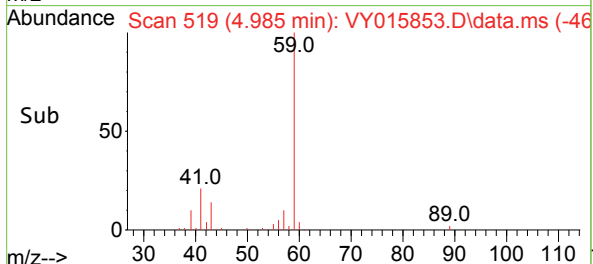
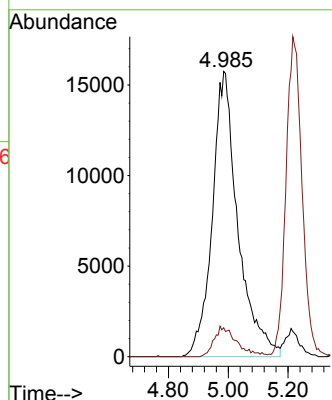
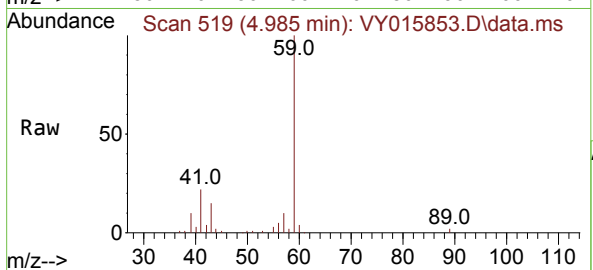
ClientSampleId :

Tgt Ion: 59 Resp: 93826

Ion Ratio Lower Upper

59 100

57 9.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 54.530 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

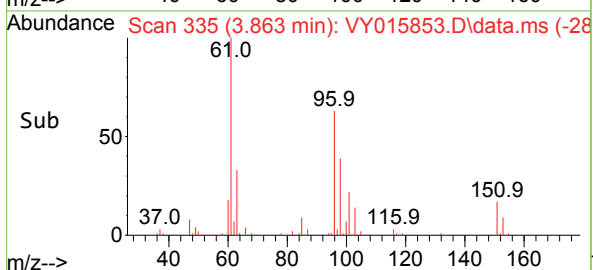
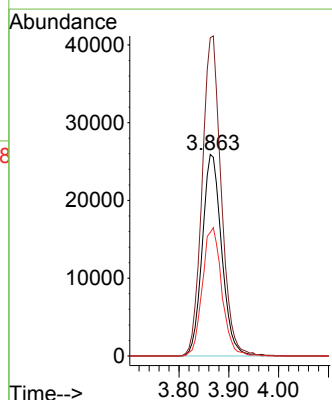
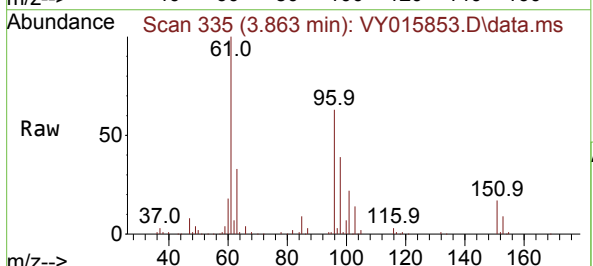
Tgt Ion: 96 Resp: 70201

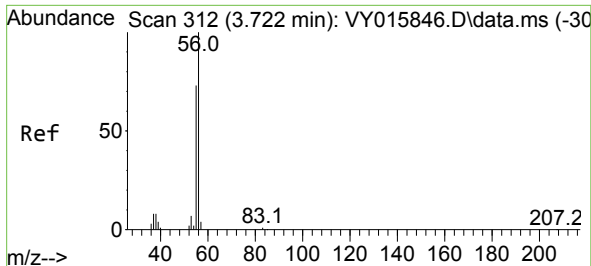
Ion Ratio Lower Upper

96 100

61 157.8 136.4 204.6

98 61.3 49.4 74.2





#13

Acrolein

Concen: 224.821 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

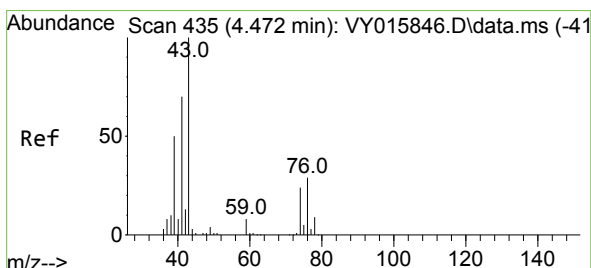
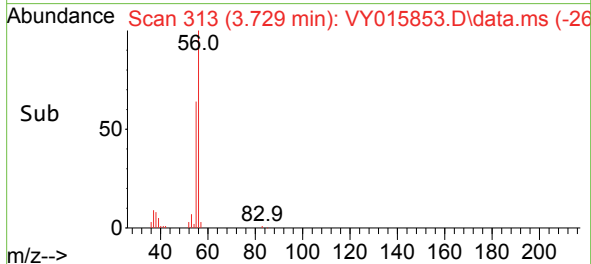
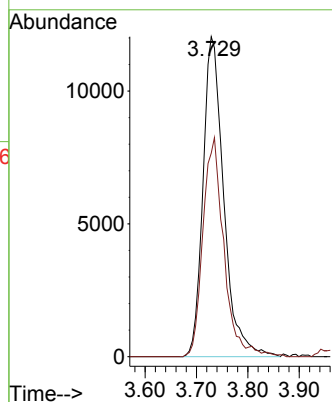
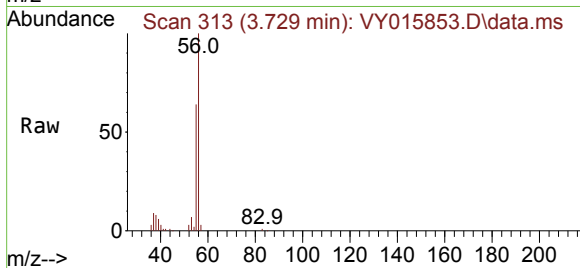
ClientSampleId :

Tgt Ion: 56 Resp: 33746

Ion Ratio Lower Upper

56 100

55 69.3 57.0 85.4



#14

Allyl chloride

Concen: 52.070 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

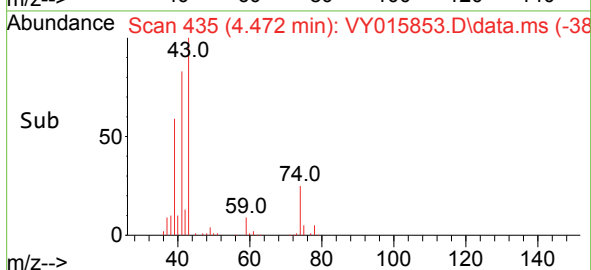
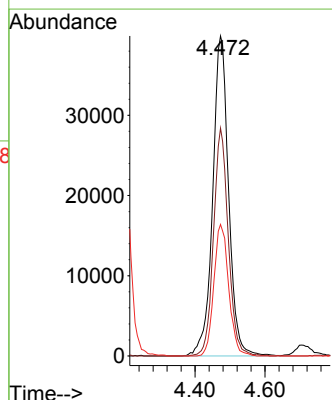
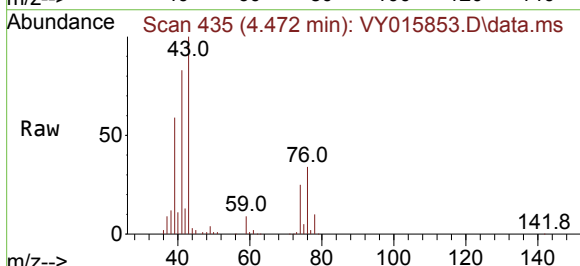
Tgt Ion: 41 Resp: 126381

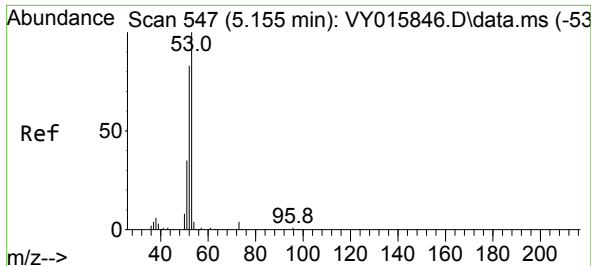
Ion Ratio Lower Upper

41 100

39 66.0 58.0 87.0

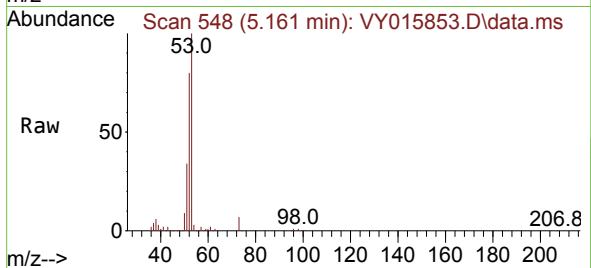
76 38.3 27.4 41.2



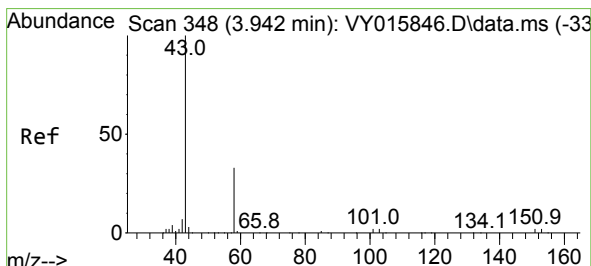
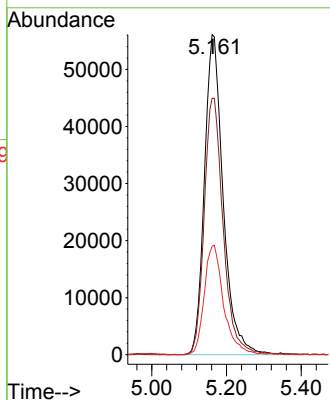
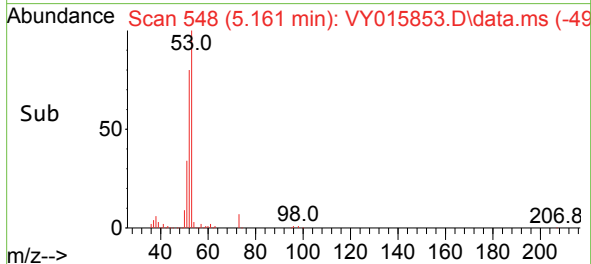


#15
Acrylonitrile
Concen: 232.530 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

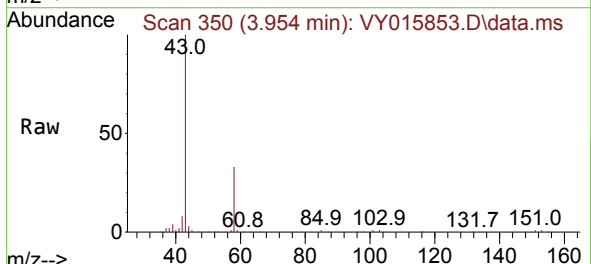
Instrument :
MSVOA_Y
ClientSampleId :



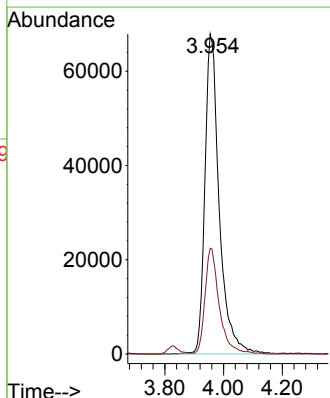
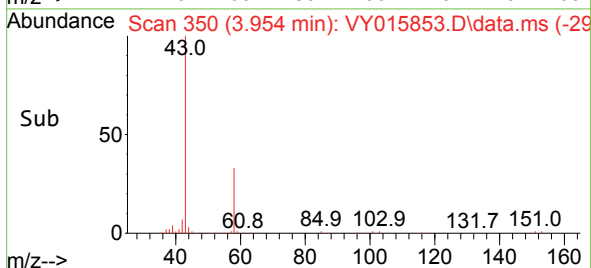
Tgt Ion: 53 Resp: 195311
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 35.4 29.8 44.6

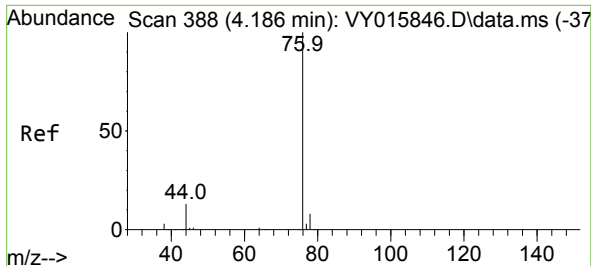


#16
Acetone
Concen: 227.901 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03



Tgt Ion: 43 Resp: 229723
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1

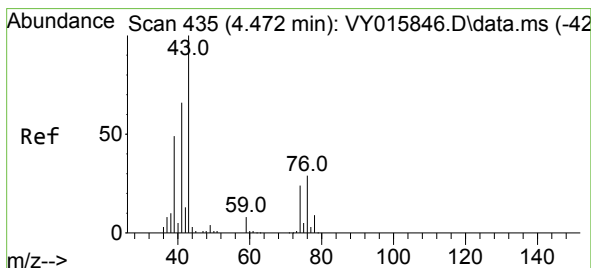
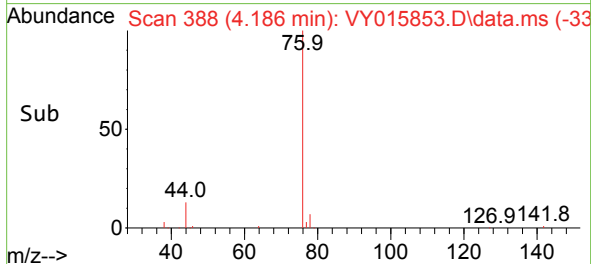
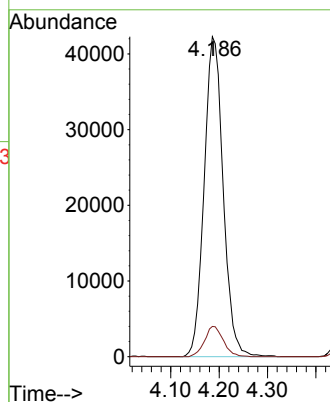
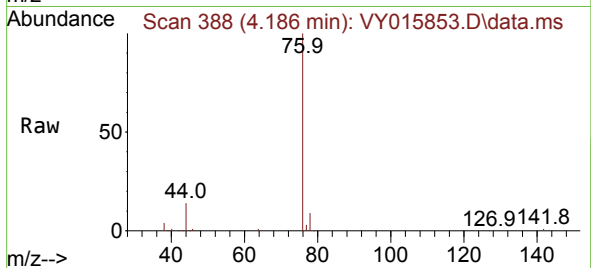




#17
Carbon Disulfide
Concen: 55.121 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

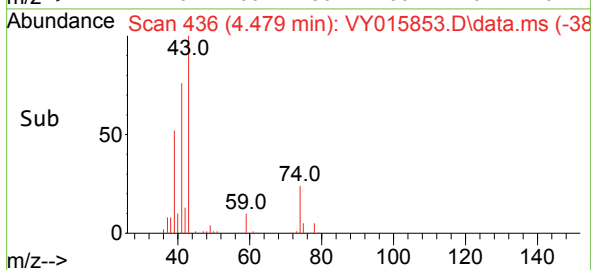
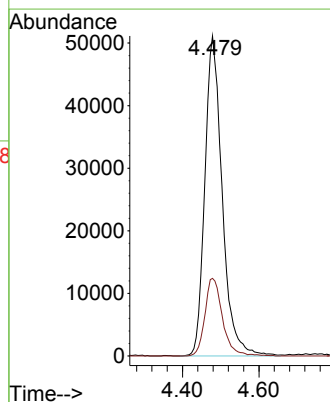
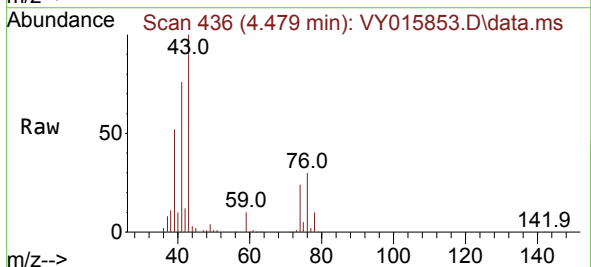
Instrument :
MSVOA_Y
ClientSampleId :

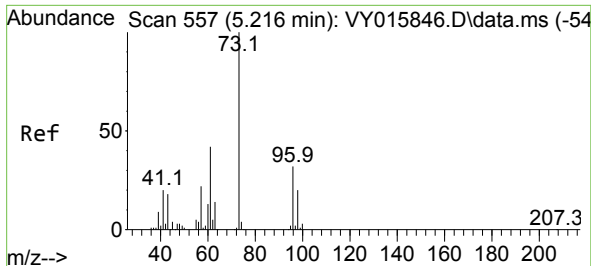
Tgt Ion: 76 Resp: 115525
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 49.167 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 43 Resp: 161298
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

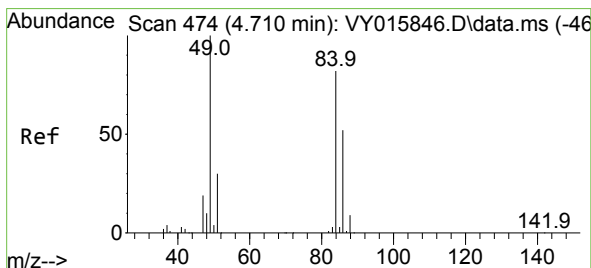
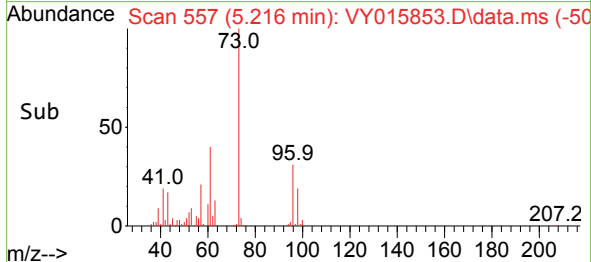
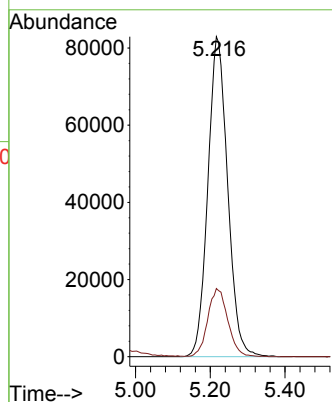
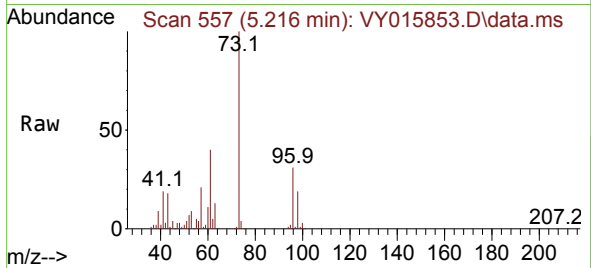




#19
Methyl tert-butyl Ether
Concen: 49.947 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

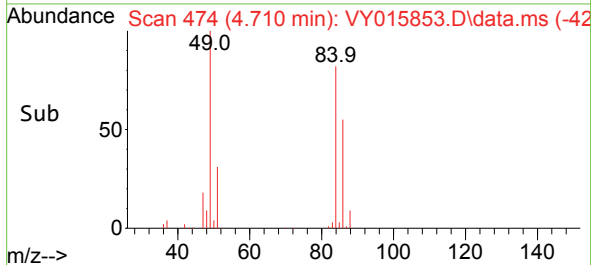
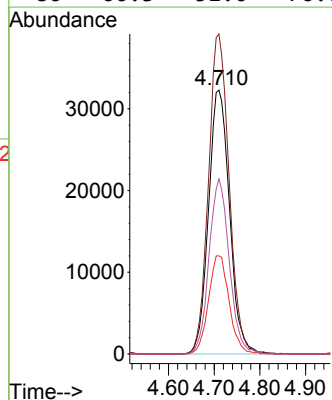
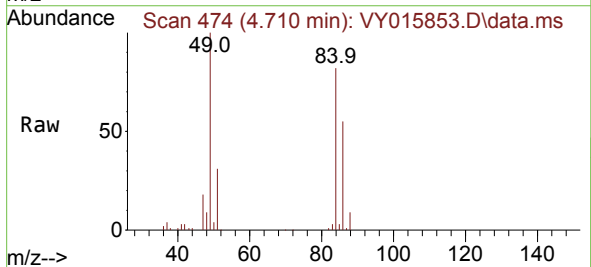
Instrument :
MSVOA_Y
ClientSampleId :

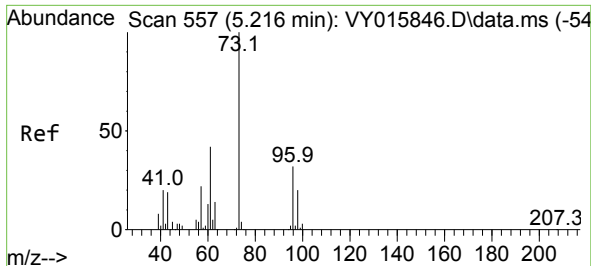
Tgt Ion: 73 Resp: 303925
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 47.687 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

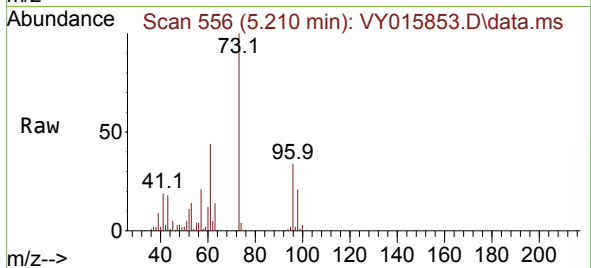
Tgt Ion: 84 Resp: 103230
Ion Ratio Lower Upper
84 100
49 121.3 106.9 160.3
51 37.2 33.2 49.8
86 66.3 51.0 76.6



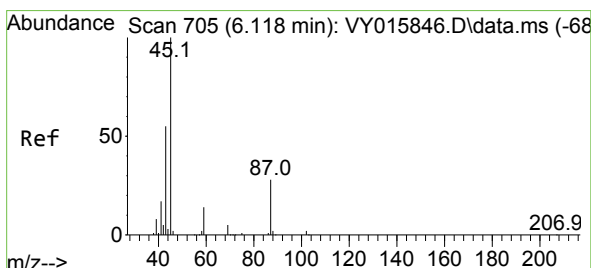
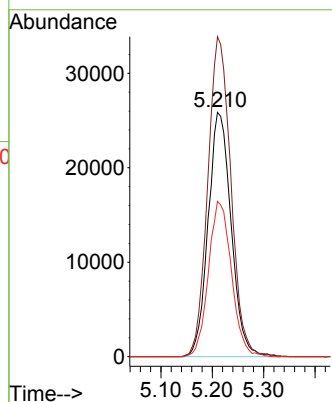
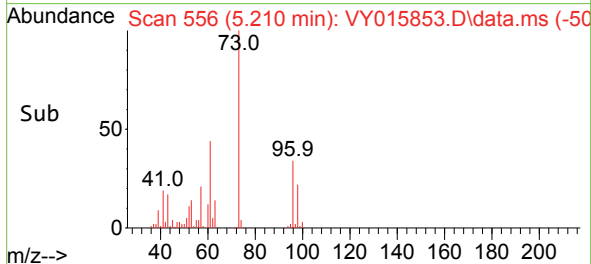


#21
trans-1,2-Dichloroethene
Concen: 54.294 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Instrument :
MSVOA_Y
ClientSampleId :

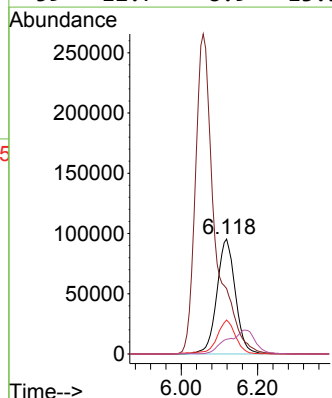
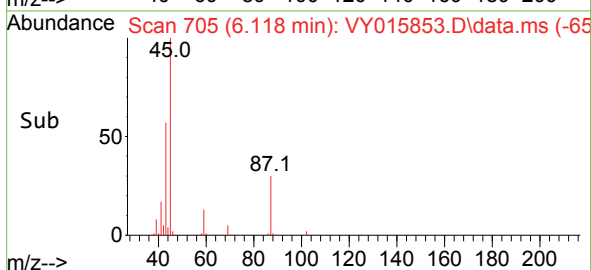
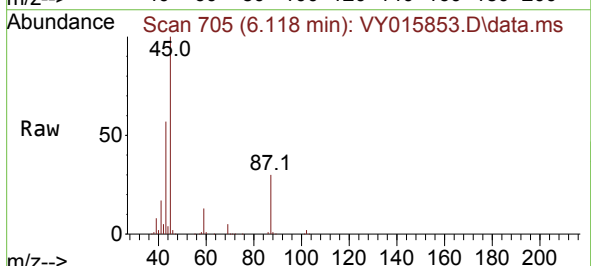


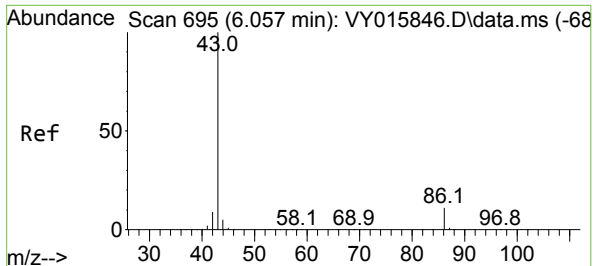
Tgt Ion: 96 Resp: 80515
Ion Ratio Lower Upper
96 100
61 131.0 110.2 165.4
98 63.6 51.8 77.6



#22
Diisopropyl ether
Concen: 50.728 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 45 Resp: 319716
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 29.5 21.0 31.6
59 12.7 8.9 13.3

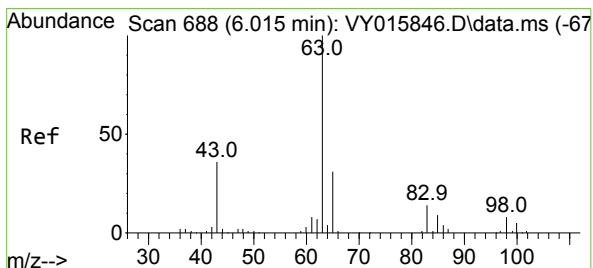
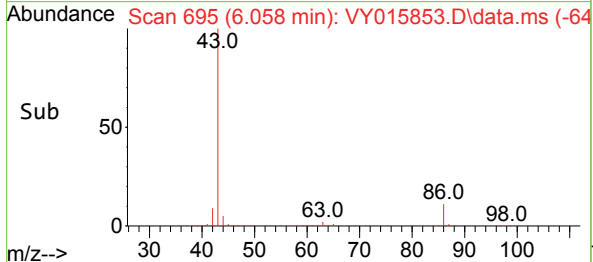
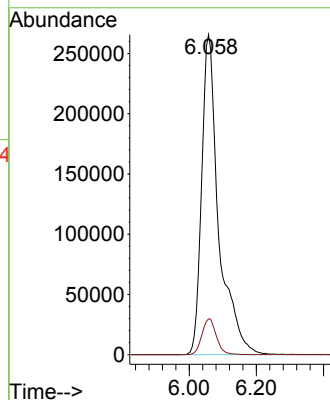
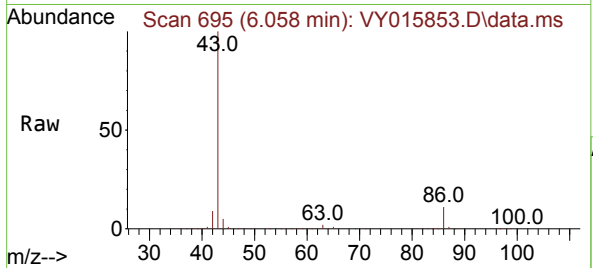




#23
 Vinyl Acetate
 Concen: 245.718 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

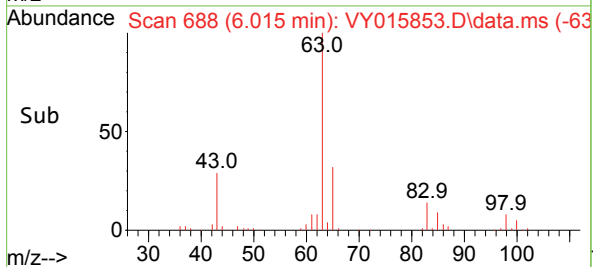
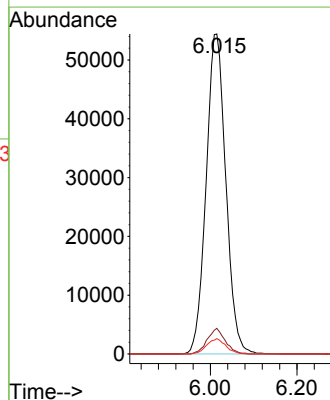
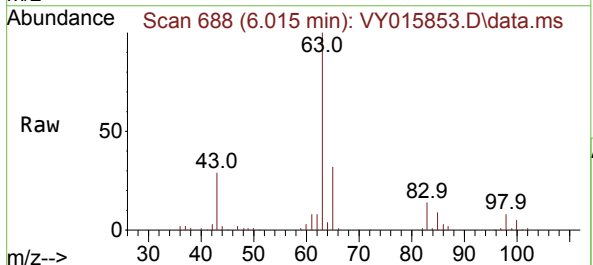
Instrument :
 MSVOA_Y
 ClientSampleId :

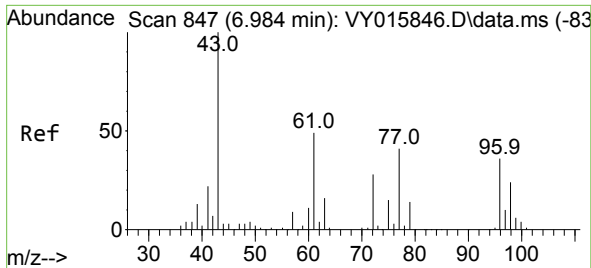
Tgt Ion: 43 Resp: 937331
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 51.302 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

Tgt Ion: 63 Resp: 171696
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 219.019 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

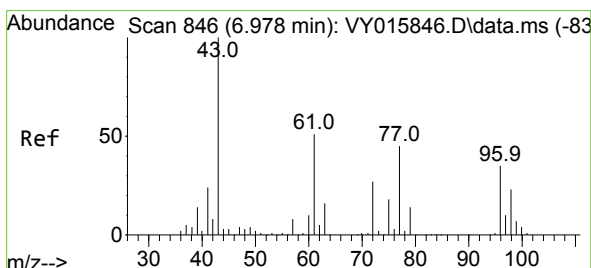
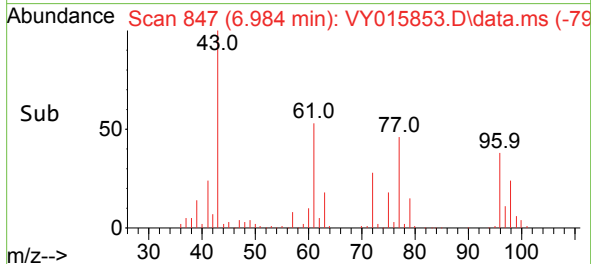
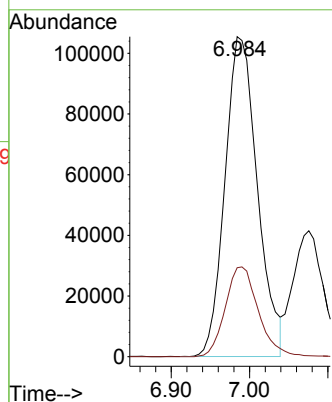
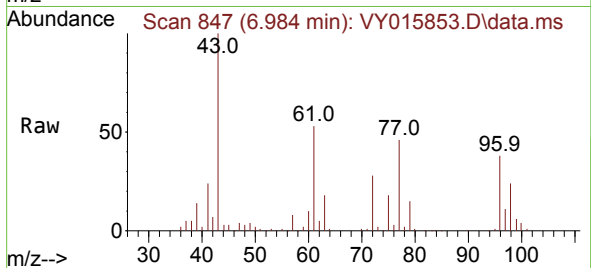
ClientSampleId :

Tgt Ion: 43 Resp: 303680

Ion Ratio Lower Upper

43 100

72 27.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.867 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015853.D

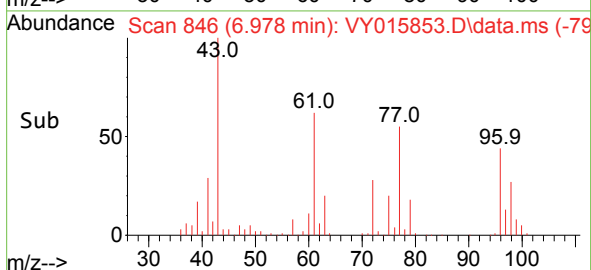
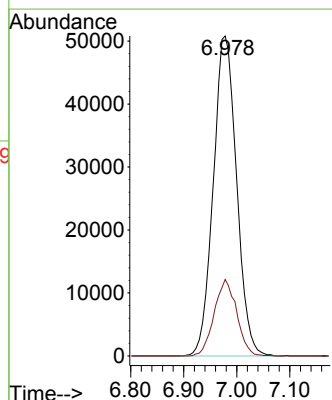
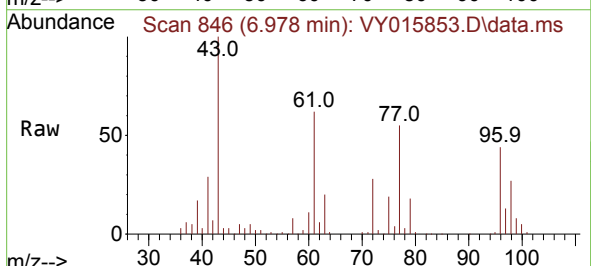
Acq: 06 Oct 2023 10:03

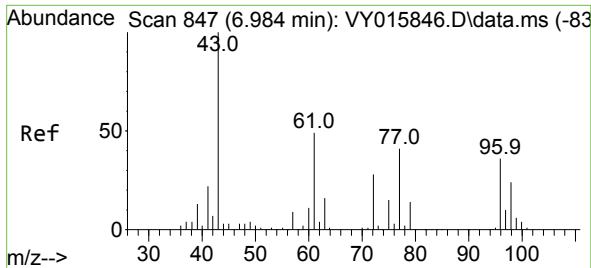
Tgt Ion: 77 Resp: 155090

Ion Ratio Lower Upper

77 100

97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.602 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

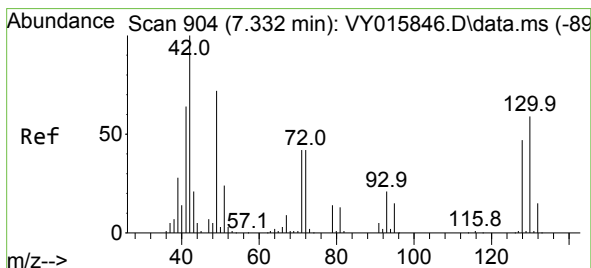
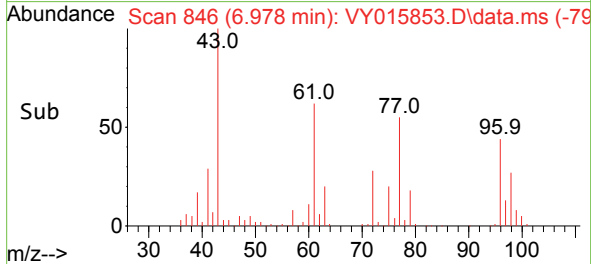
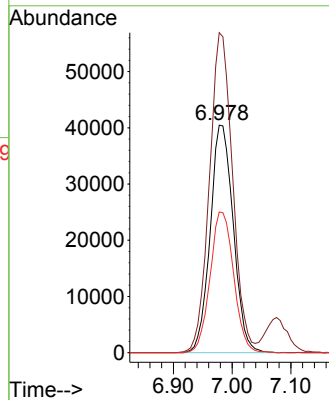
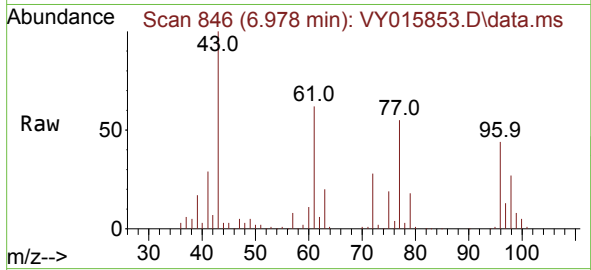
Tgt Ion: 96 Resp: 110617

Ion Ratio Lower Upper

96 100

61 141.0 0.0 301.4

98 63.0 0.0 130.4



#28

Bromochloromethane

Concen: 45.947 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

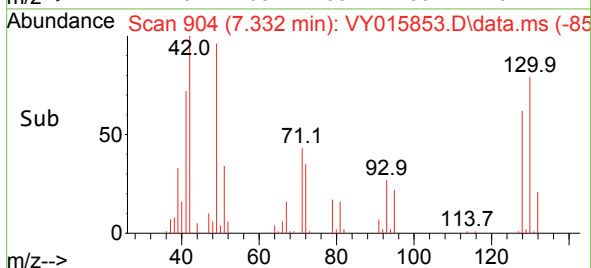
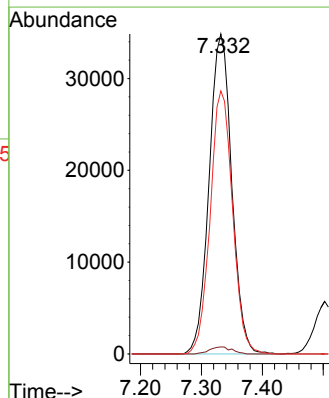
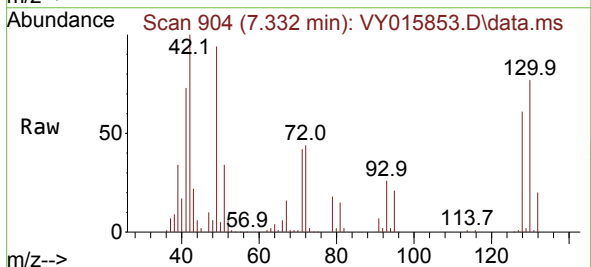
Tgt Ion: 49 Resp: 89929

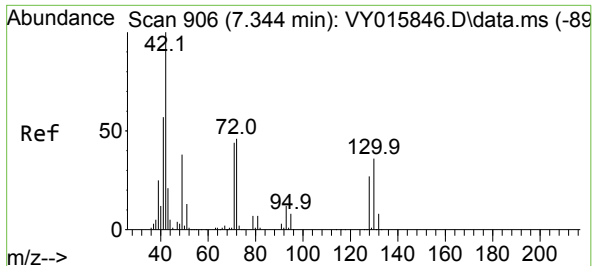
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 81.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 230.559 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

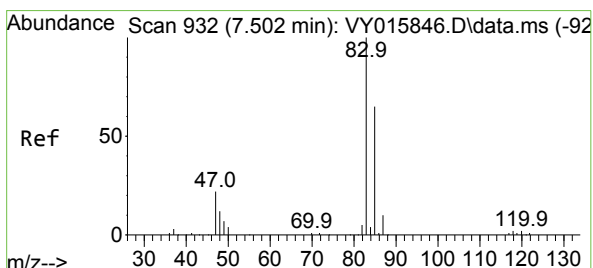
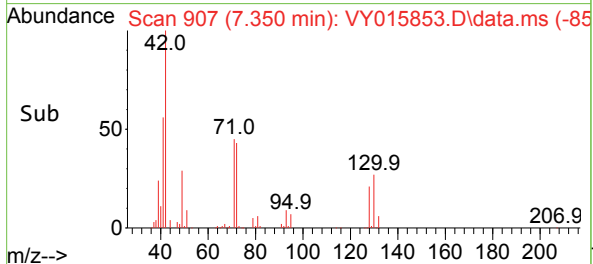
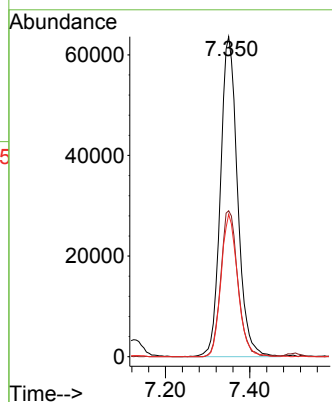
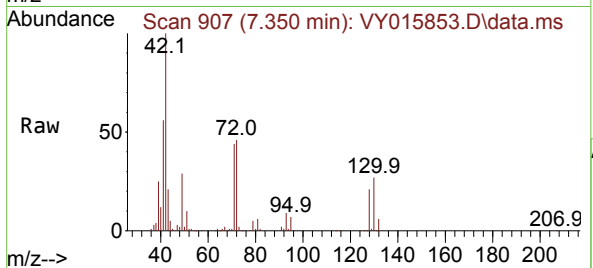
Tgt Ion: 42 Resp: 178377

Ion Ratio Lower Upper

42 100

72 45.7 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 50.500 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015853.D

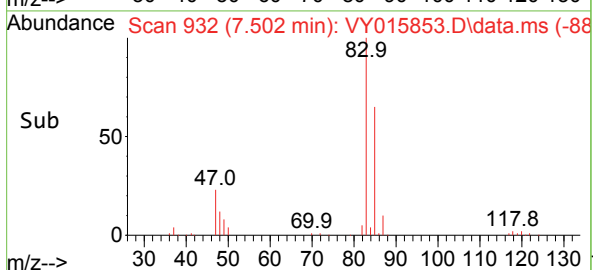
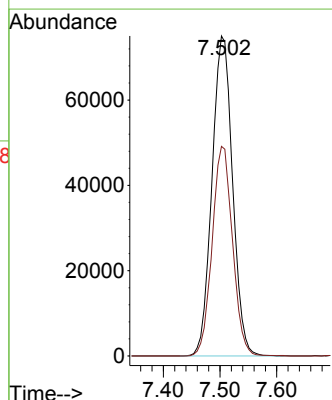
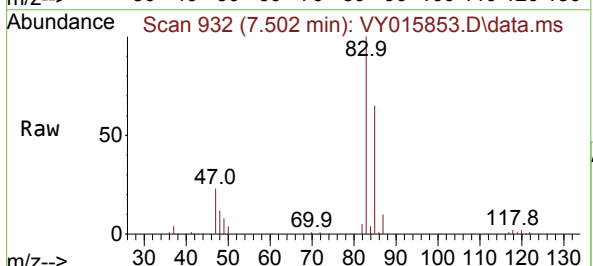
Acq: 06 Oct 2023 10:03

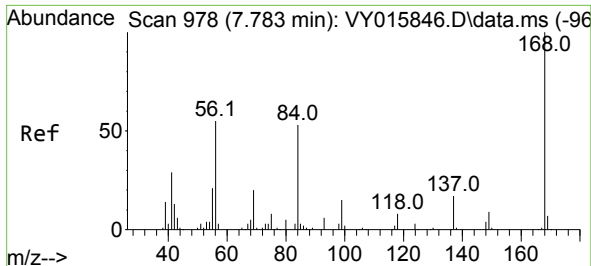
Tgt Ion: 83 Resp: 189069

Ion Ratio Lower Upper

83 100

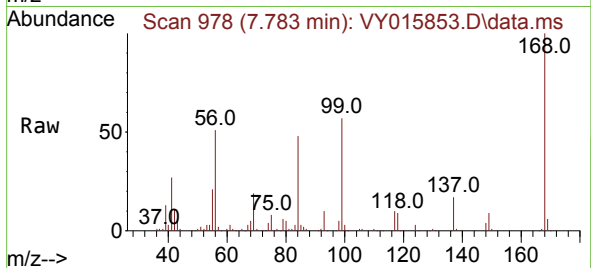
85 65.5 49.7 74.5



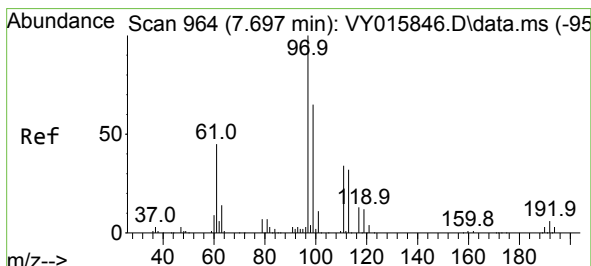
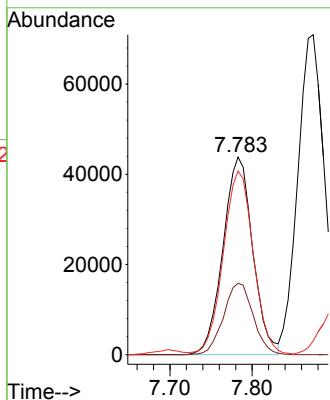
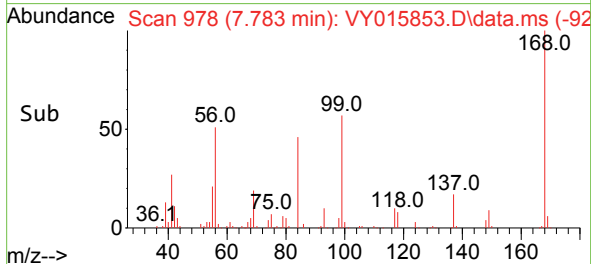


#31
Cyclohexane
Concen: 50.289 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

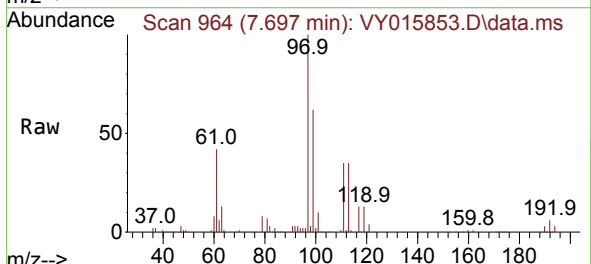
Instrument :
MSVOA_Y
ClientSampleId :



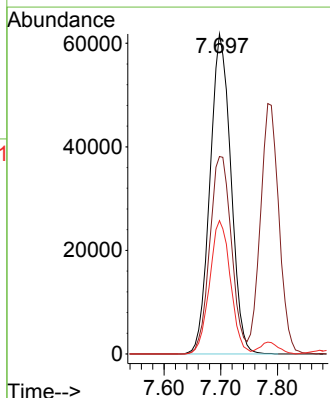
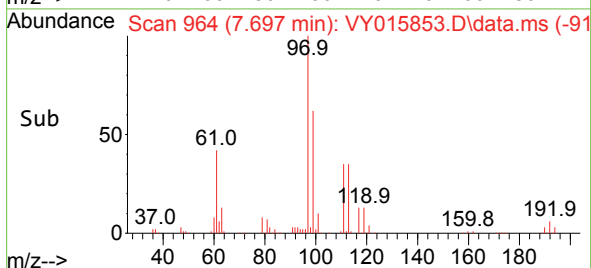
Tgt Ion: 56 Resp: 110286
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 91.2 66.4 99.6

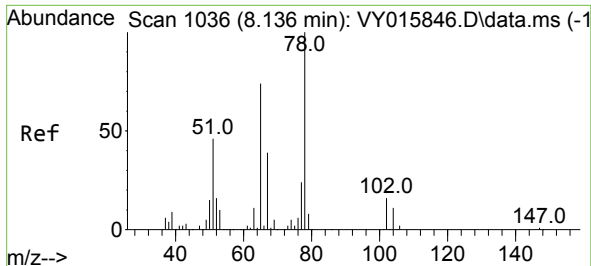


#32
1,1,1-Trichloroethane
Concen: 51.585 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03



Tgt Ion: 97 Resp: 157884
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.7 35.1 52.7

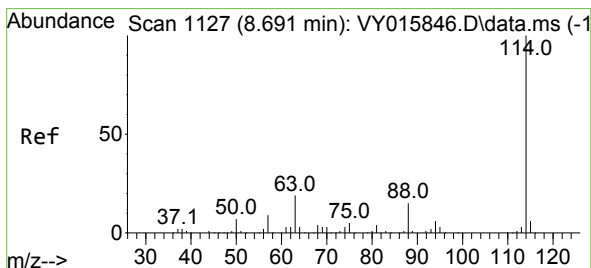
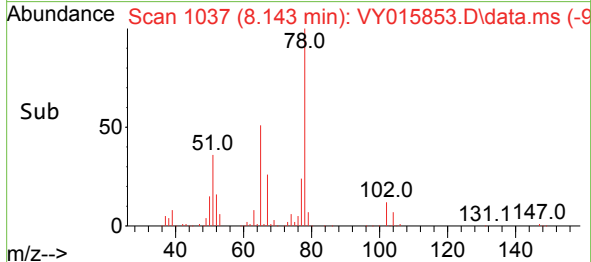
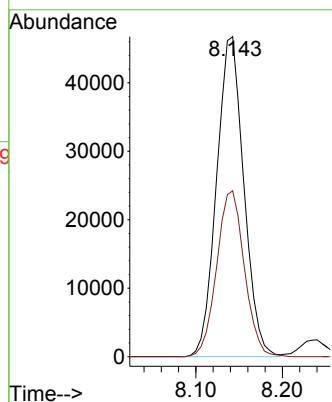
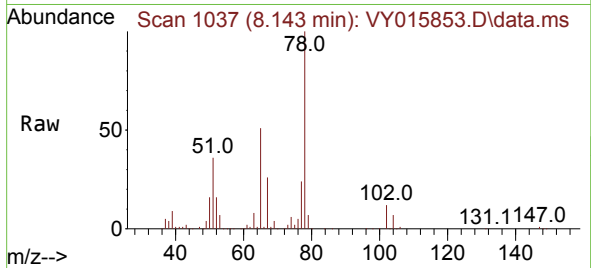




#33
 1,2-Dichloroethane-d4
 Concen: 52.438 ug/l
 RT: 8.143 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

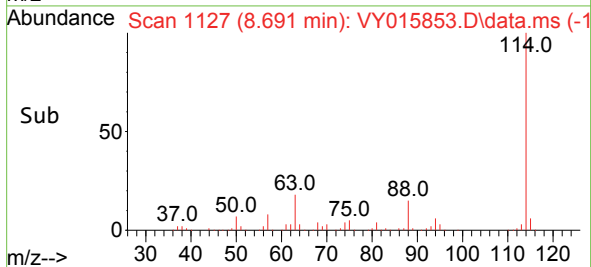
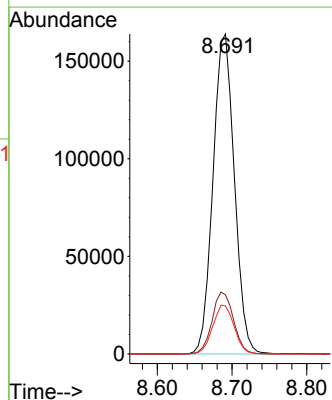
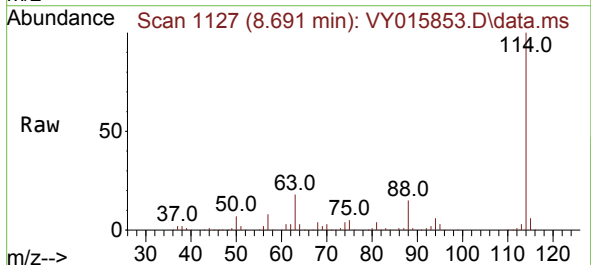
Instrument :
 MSVOA_Y
 ClientSampleId :

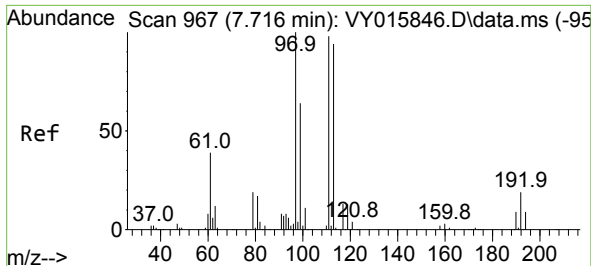
Tgt Ion: 65 Resp: 102023
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

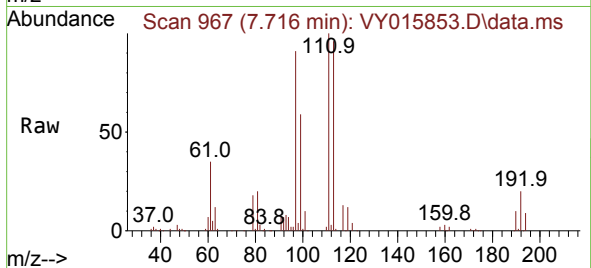
Tgt Ion: 114 Resp: 326702
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 15.0 0.0 30.6



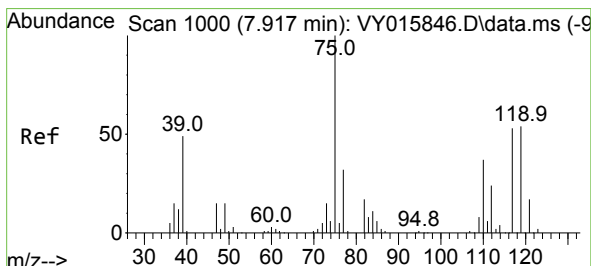
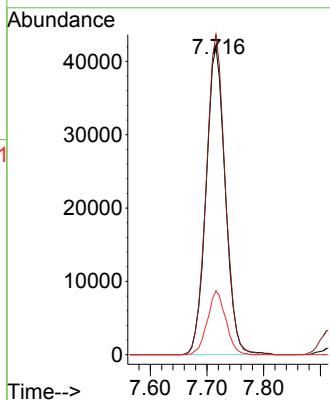
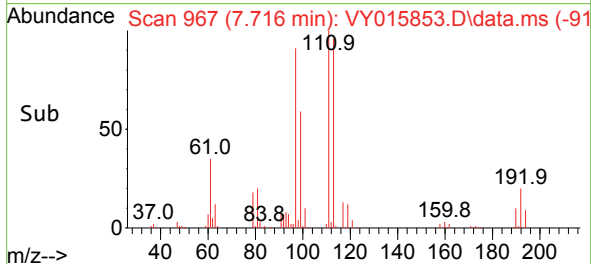


#35
 Dibromofluoromethane
 Concen: 53.077 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

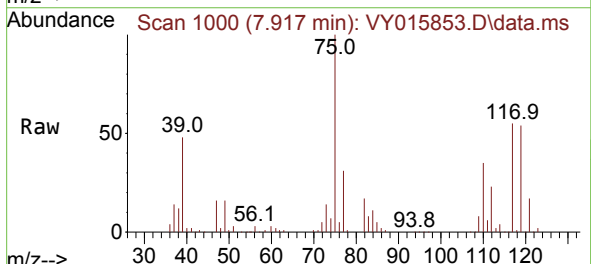
Instrument :
 MSVOA_Y
 ClientSampleId :



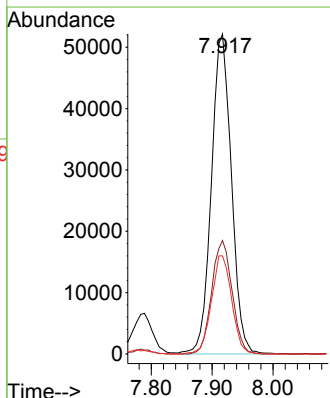
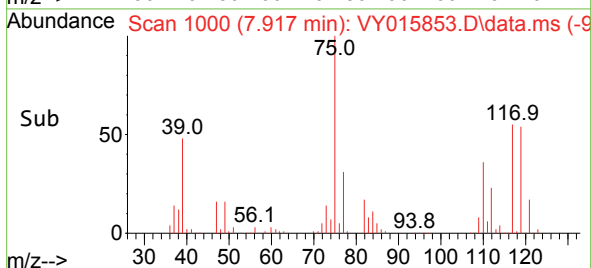
Tgt Ion:113 Resp: 98841
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.3 121.9
 192 19.9 16.9 25.3

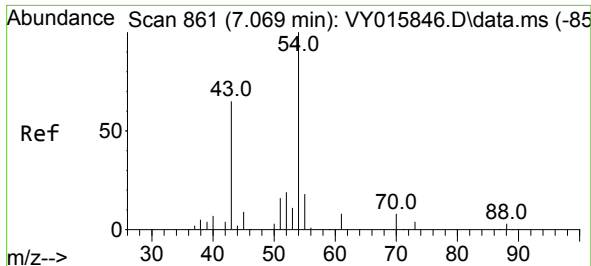


#36
 1,1-Dichloropropene
 Concen: 53.601 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03



Tgt Ion: 75 Resp: 119084
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.8 53.5
 77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 46.133 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

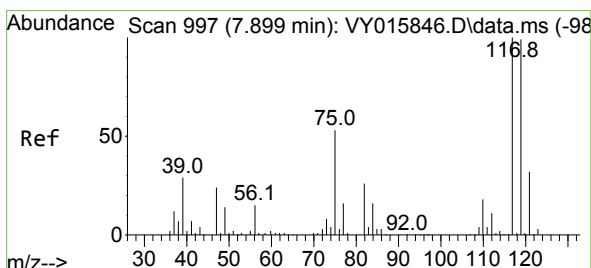
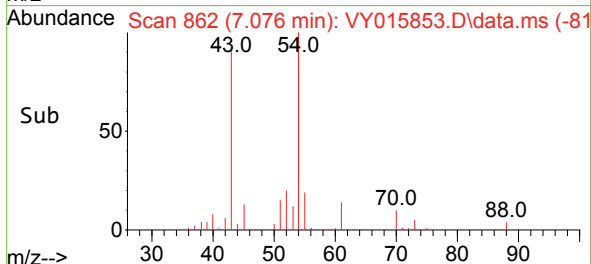
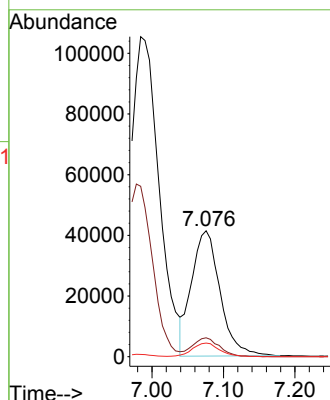
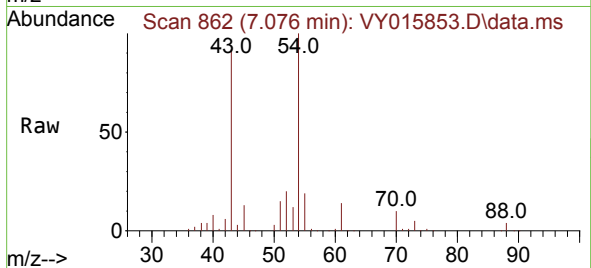
Tgt Ion: 43 Resp: 114695

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.857 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

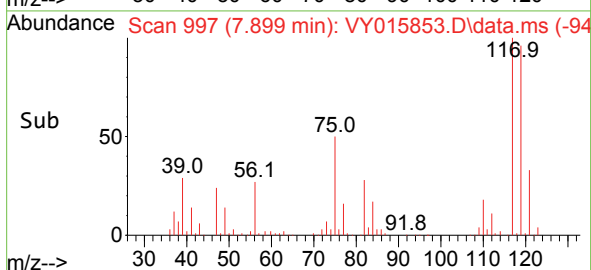
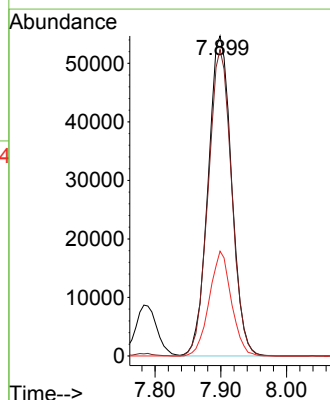
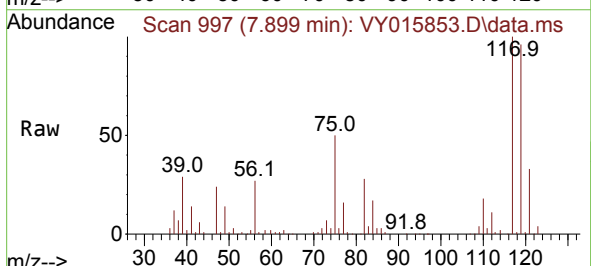
Tgt Ion: 117 Resp: 135466

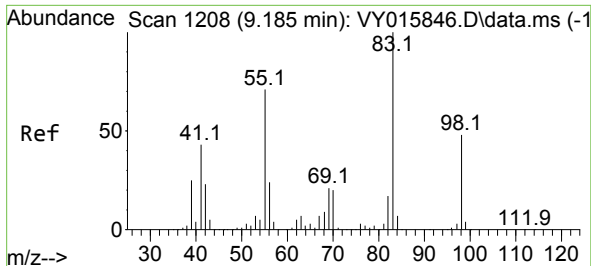
Ion Ratio Lower Upper

117 100

119 95.7 76.4 114.6

121 32.7 25.8 38.6





#39

Methylcyclohexane

Concen: 52.583 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

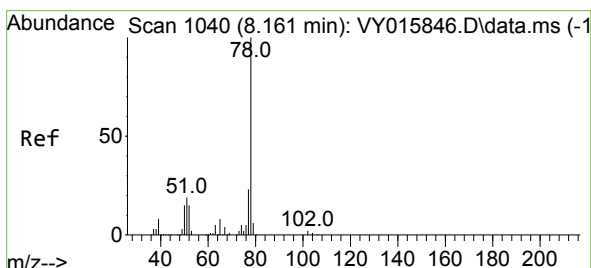
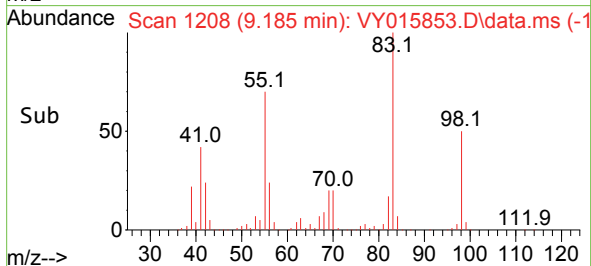
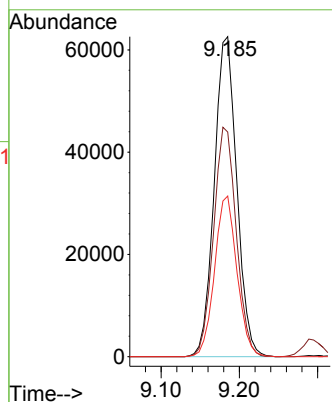
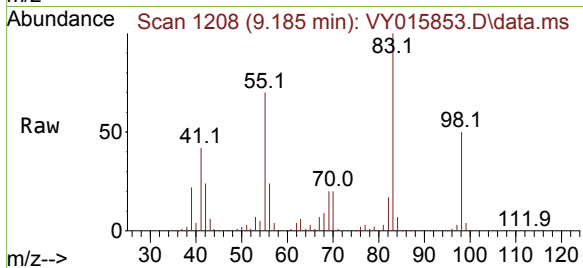
Tgt Ion: 83 Resp: 124939

Ion Ratio Lower Upper

83 100

55 70.2 63.0 94.4

98 50.2 37.4 56.2



#40

Benzene

Concen: 52.302 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY015853.D

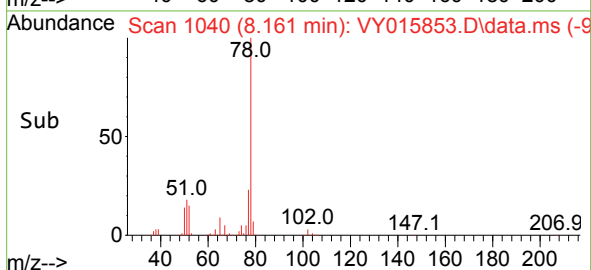
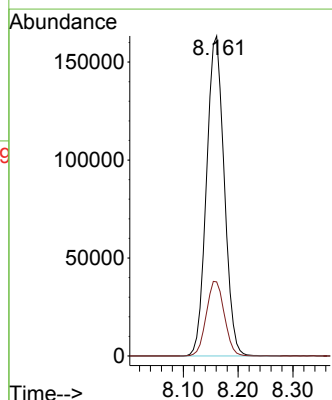
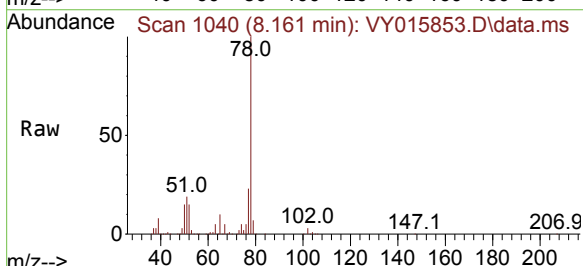
Acq: 06 Oct 2023 10:03

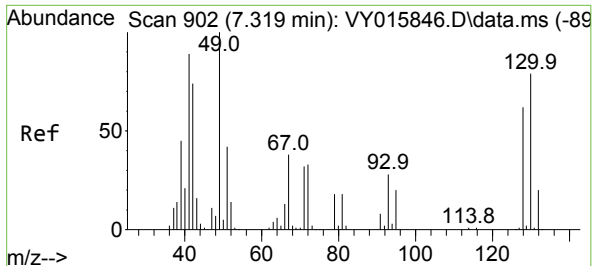
Tgt Ion: 78 Resp: 364618

Ion Ratio Lower Upper

78 100

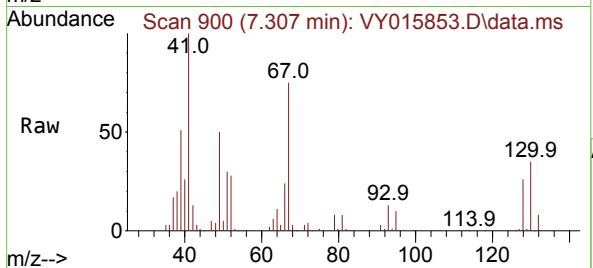
77 23.2 19.0 28.6



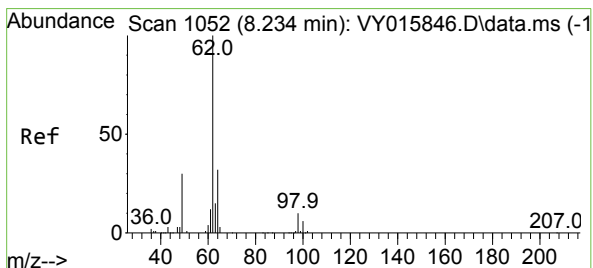
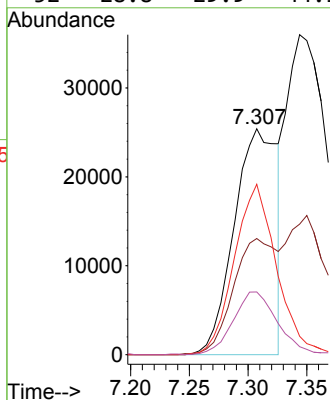
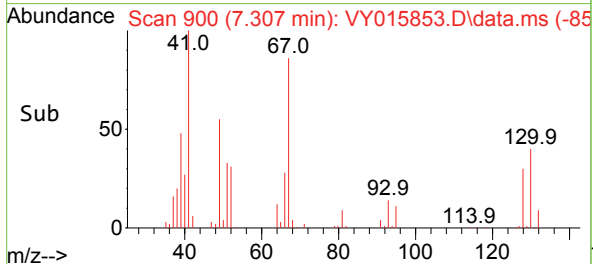


#41
Methacrylonitrile
Concen: 54.430 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Instrument :
MSVOA_Y
ClientSampleId :

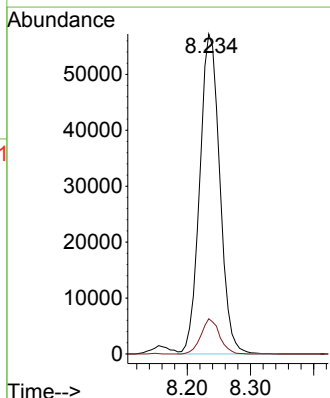
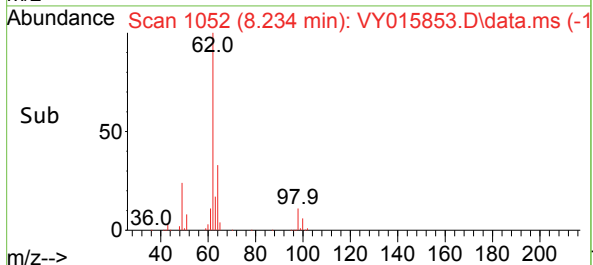
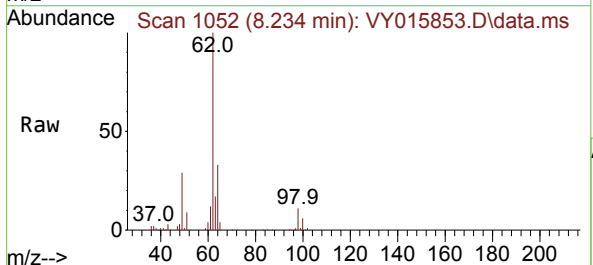


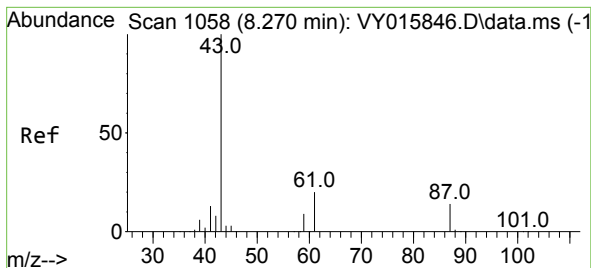
Tgt Ion: 41 Resp: 64784
Ion Ratio Lower Upper
41 100
39 51.9 52.1 78.1#
67 74.5 66.2 99.2
52 28.8 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.288 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 62 Resp: 126226
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 47.621 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

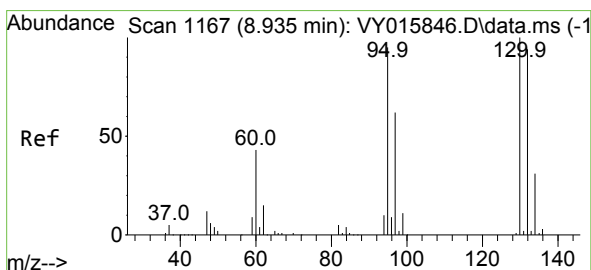
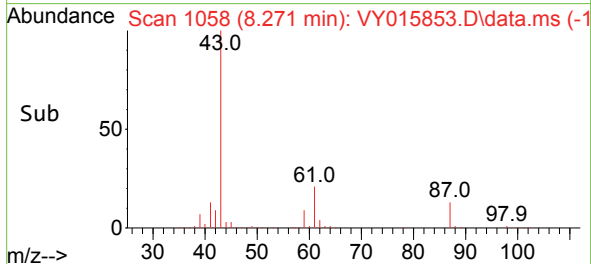
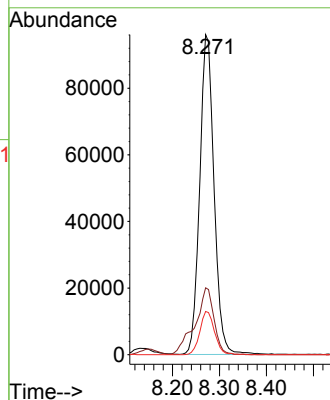
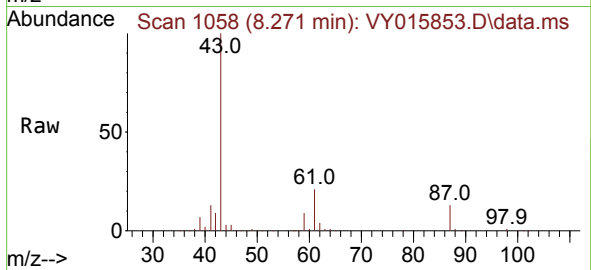
Tgt Ion: 43 Resp: 203783

Ion Ratio Lower Upper

43 100

61 27.6 21.1 31.7

87 13.9 9.8 14.8



#44

Trichloroethene

Concen: 50.826 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY015853.D

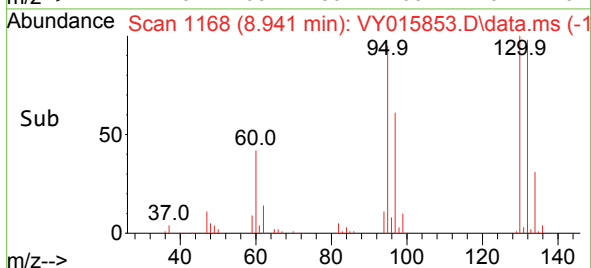
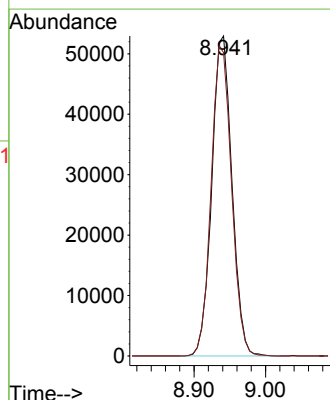
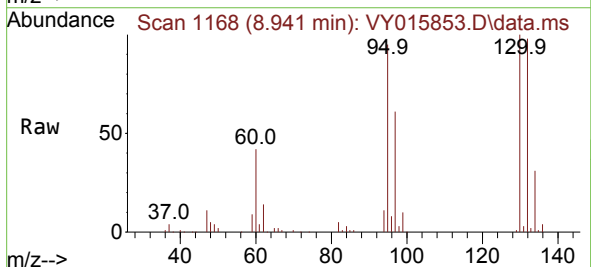
Acq: 06 Oct 2023 10:03

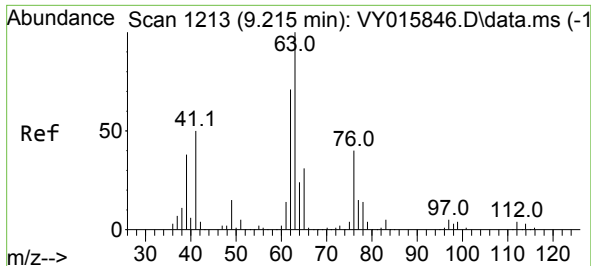
Tgt Ion:130 Resp: 103697

Ion Ratio Lower Upper

130 100

95 94.8 0.0 196.0

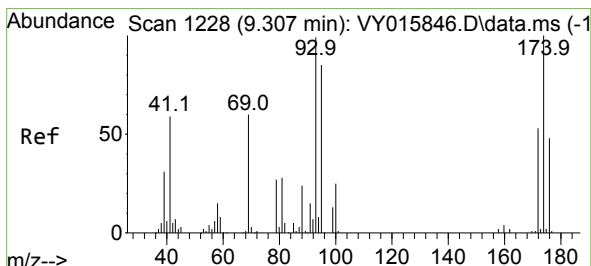
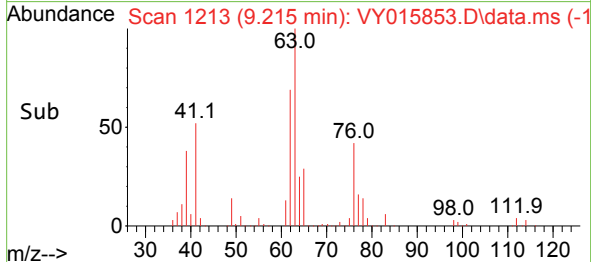
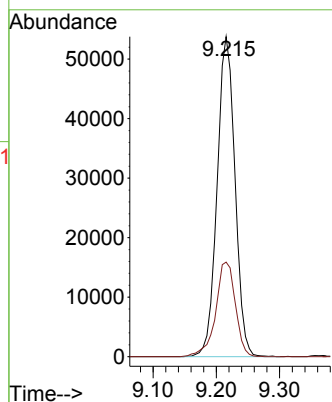
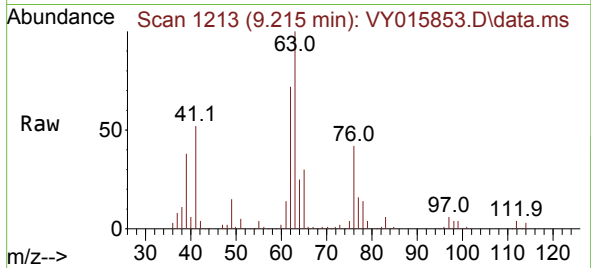




#45
1,2-Dichloropropane
Concen: 51.042 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

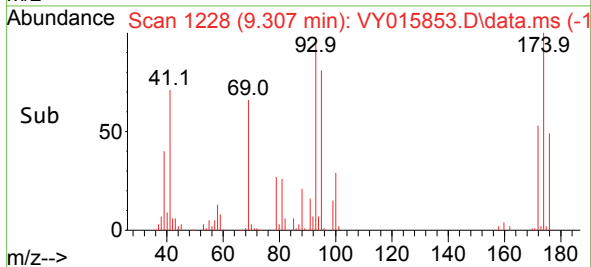
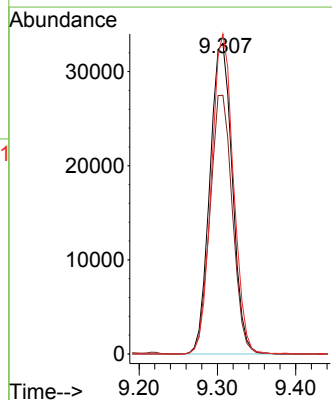
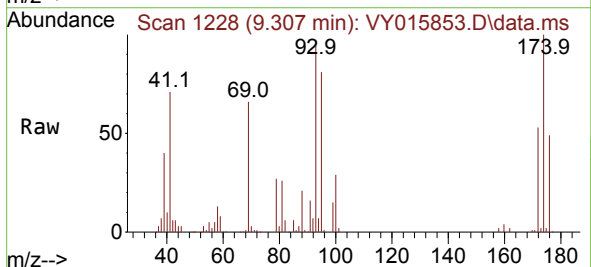
Instrument :
MSVOA_Y
ClientSampleId :

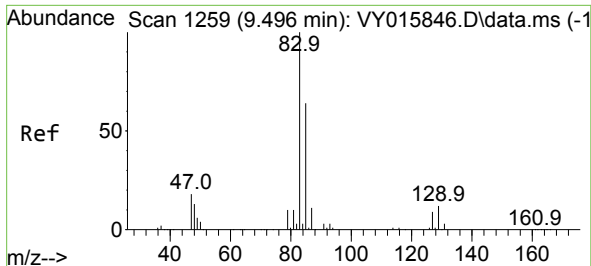
Tgt Ion: 63 Resp: 105248
Ion Ratio Lower Upper
63 100
65 29.5 23.8 35.6



#46
Dibromomethane
Concen: 50.013 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 93 Resp: 65932
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 100.4 84.8 127.2





#47

Bromodichloromethane

Concen: 50.002 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

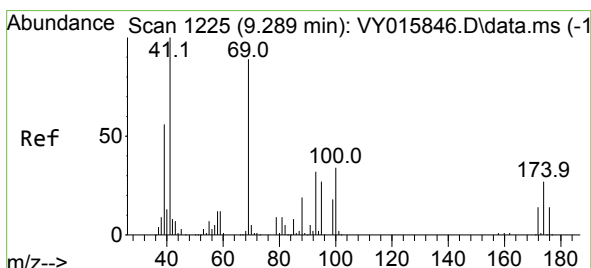
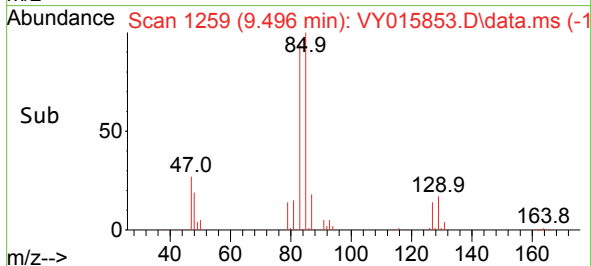
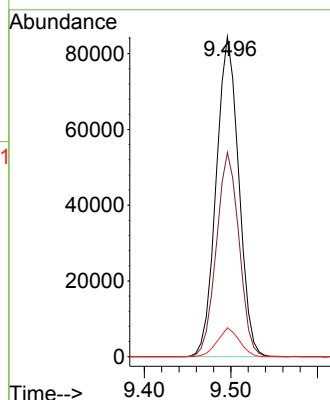
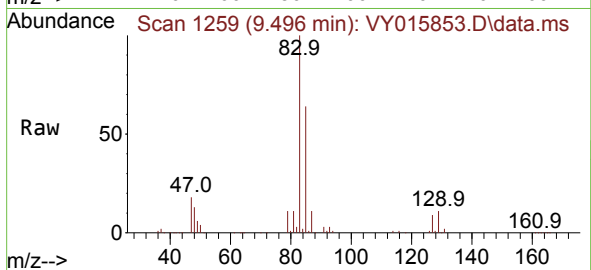
Tgt Ion: 83 Resp: 153006

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 47.447 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

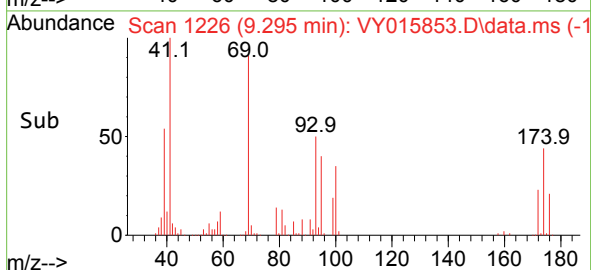
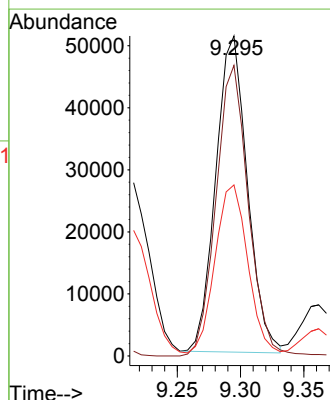
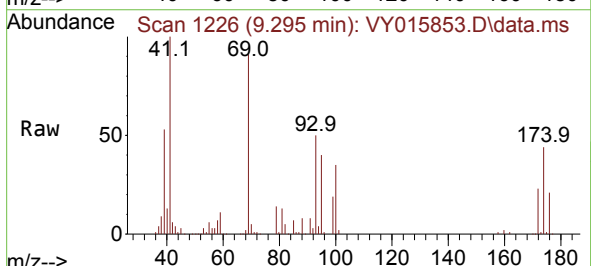
Tgt Ion: 41 Resp: 88678

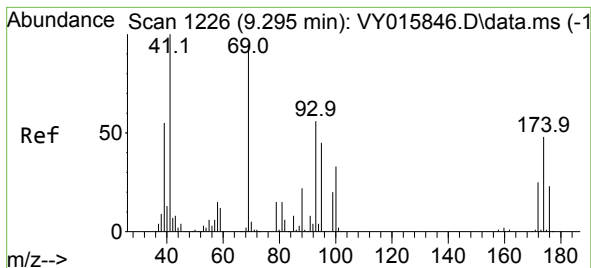
Ion Ratio Lower Upper

41 100

69 93.8 64.5 96.7

39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 926.515 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

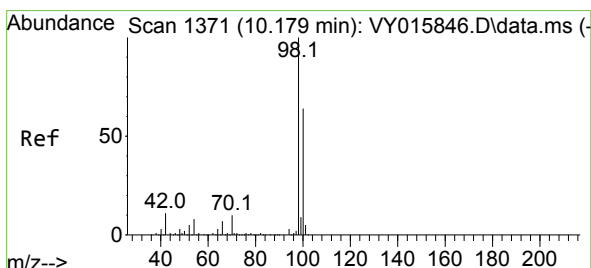
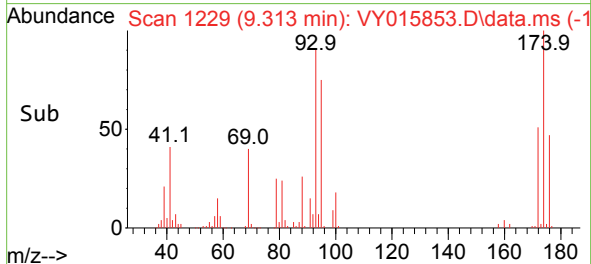
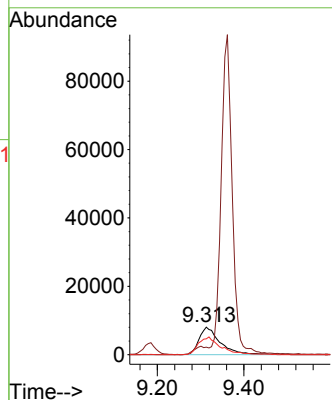
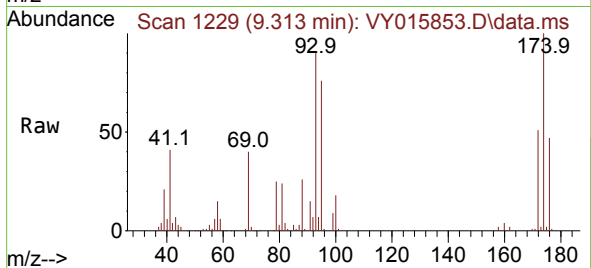
Tgt Ion: 88 Resp: 27360

Ion Ratio Lower Upper

88 100

43 19.9 0.0 0.0#

58 67.5 30.9 46.3#



#50

Toluene-d8

Concen: 55.020 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015853.D

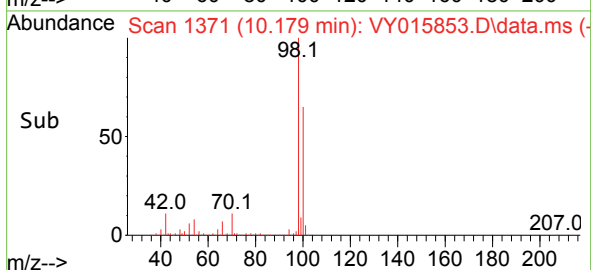
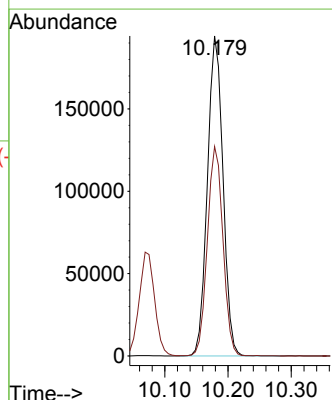
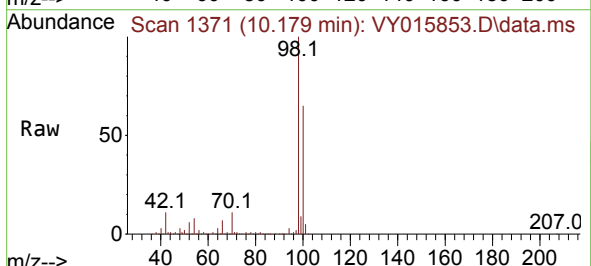
Acq: 06 Oct 2023 10:03

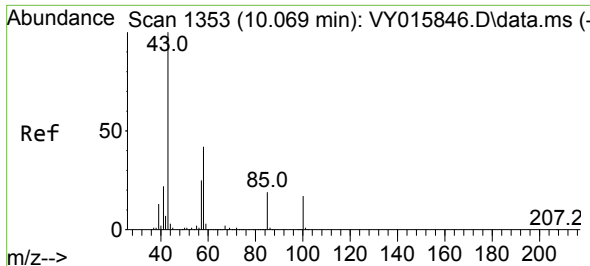
Tgt Ion: 98 Resp: 332658

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

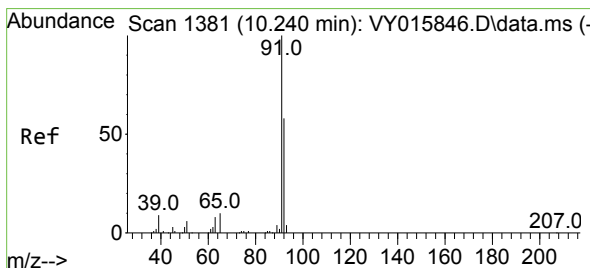
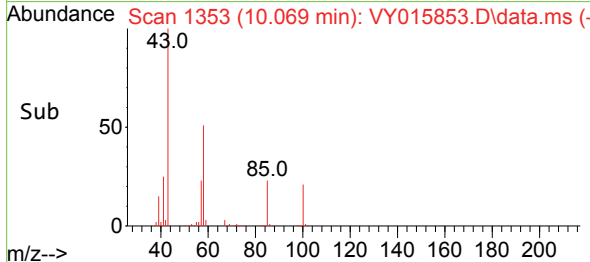
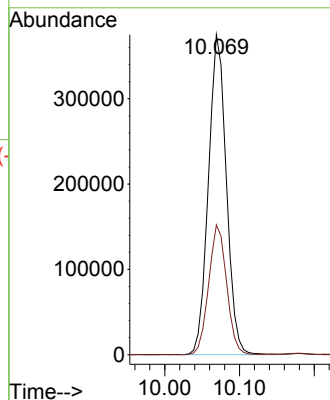
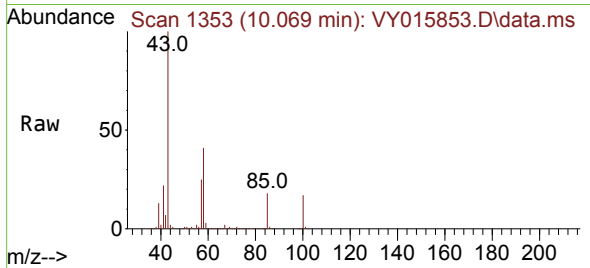




#51
4-Methyl-2-Pentanone
Concen: 233.542 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

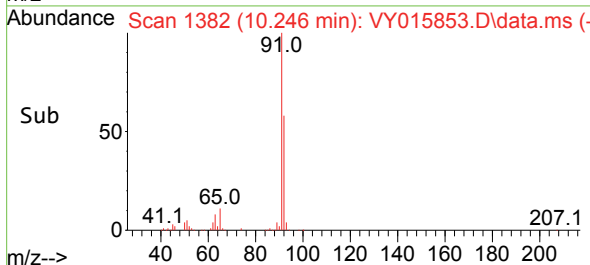
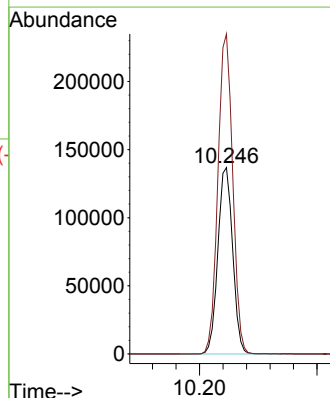
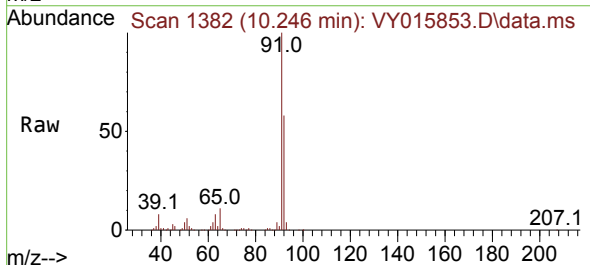
Instrument :
MSVOA_Y
ClientSampleId :

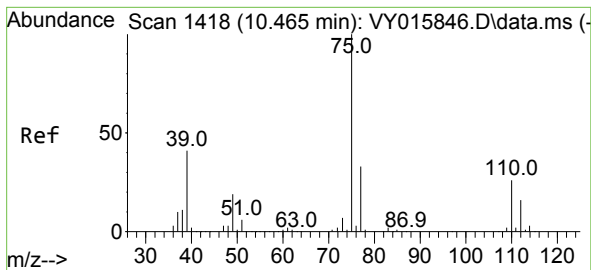
Tgt Ion: 43 Resp: 625194
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6



#52
Toluene
Concen: 52.331 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 92 Resp: 238694
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6

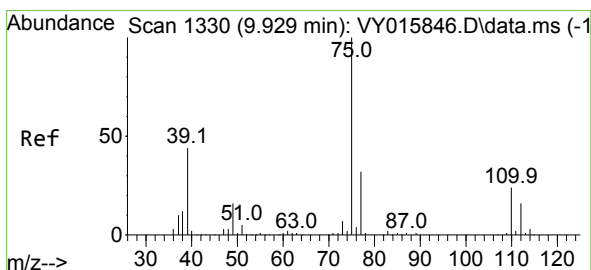
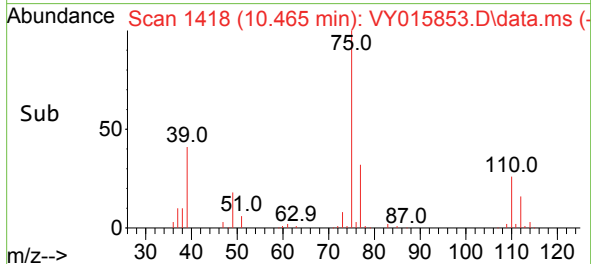
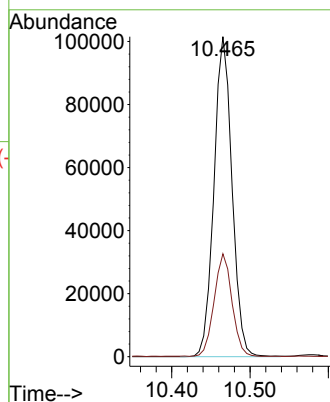
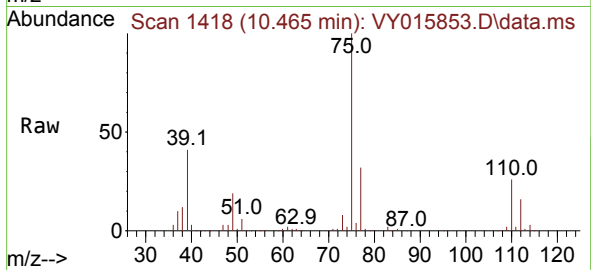




#53
 t-1,3-Dichloropropene
 Concen: 50.627 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

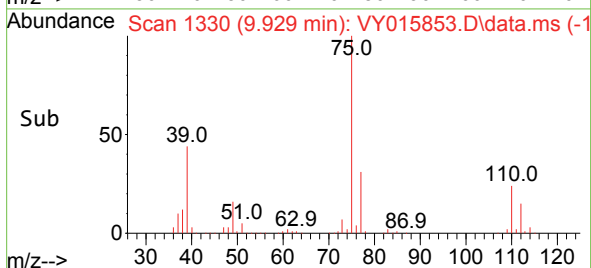
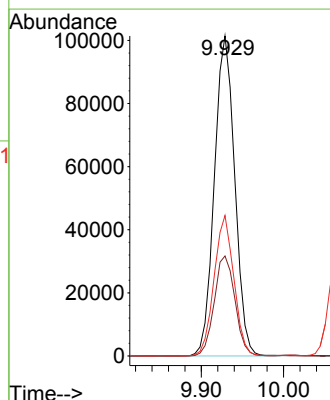
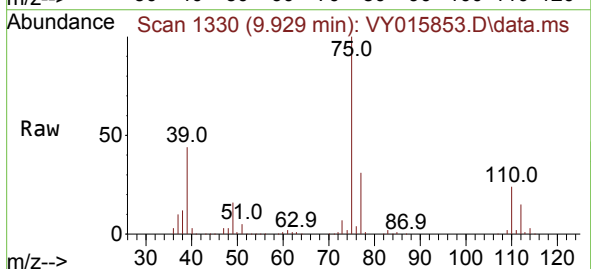
Instrument :
 MSVOA_Y
 ClientSampleId :

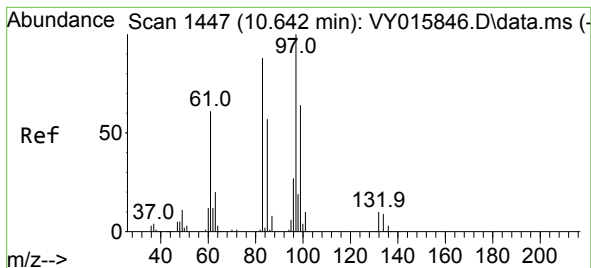
Tgt Ion: 75 Resp: 162551
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.212 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

Tgt Ion: 75 Resp: 174558
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 43.9 42.2 63.4

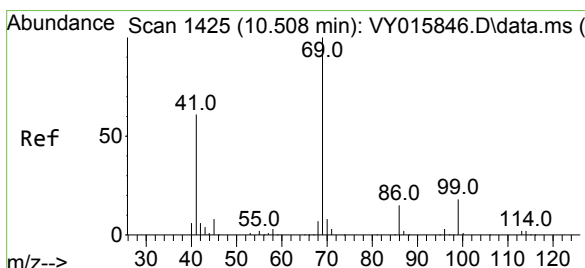
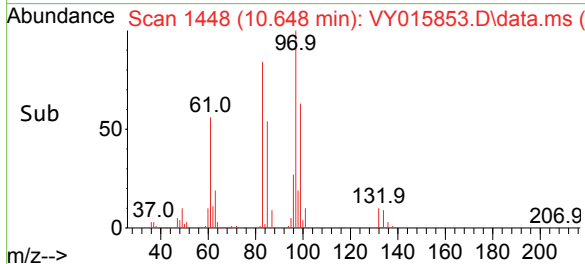
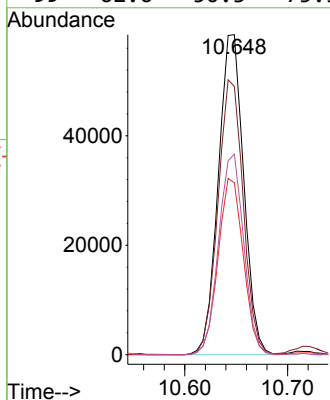
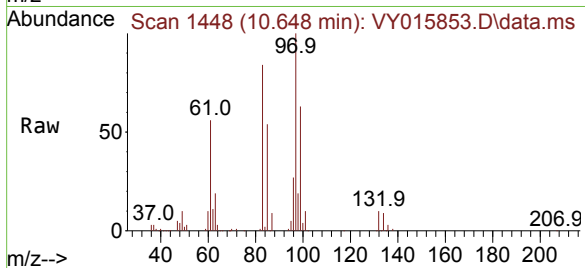




#55
1,1,2-Trichloroethane
Concen: 48.514 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

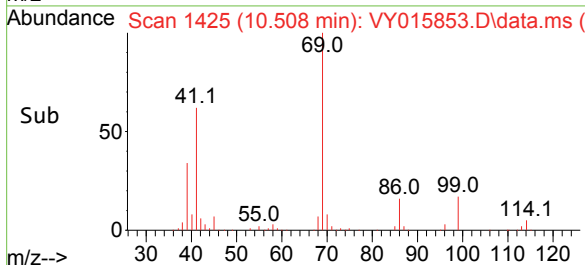
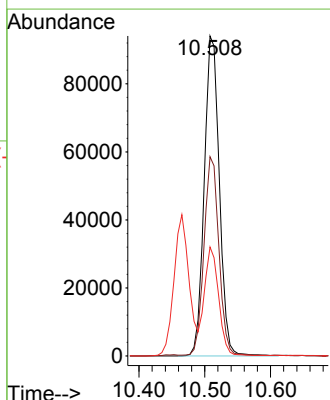
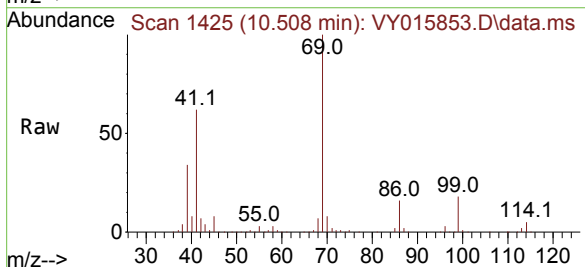
Instrument :
MSVOA_Y
ClientSampleId :

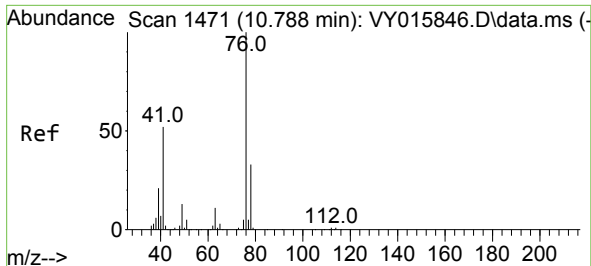
Tgt Ion: 97 Resp: 100474
Ion Ratio Lower Upper
97 100
83 83.9 72.0 108.0
85 53.7 45.4 68.0
99 62.6 50.3 75.5



#56
Ethyl methacrylate
Concen: 50.055 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 69 Resp: 150308
Ion Ratio Lower Upper
69 100
41 61.1 57.6 86.4
39 31.8 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 49.746 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

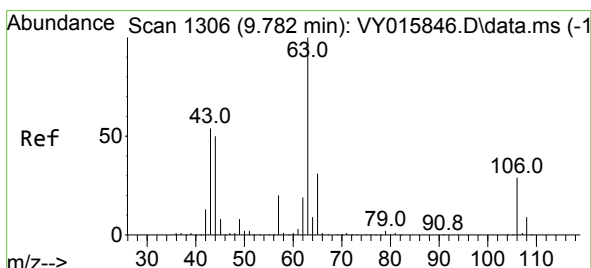
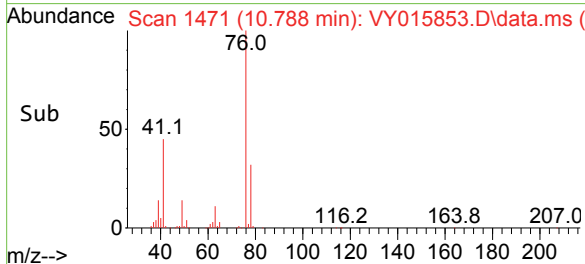
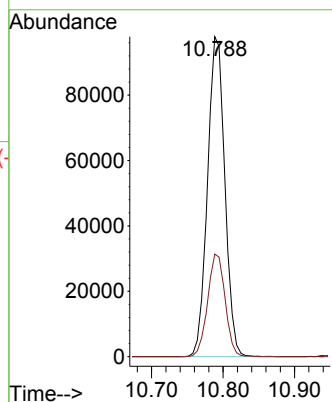
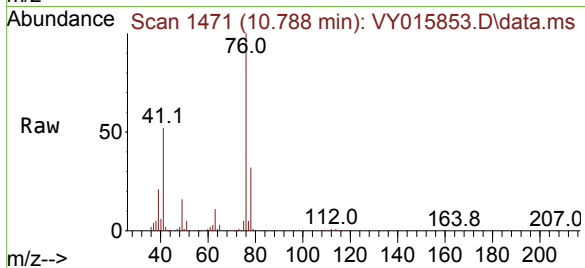
ClientSampleId :

Tgt Ion: 76 Resp: 164709

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 243.169 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY015853.D

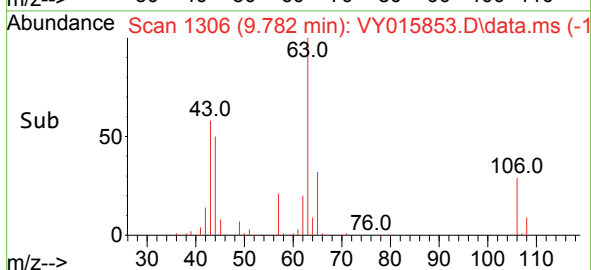
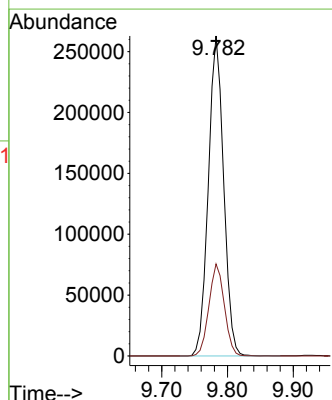
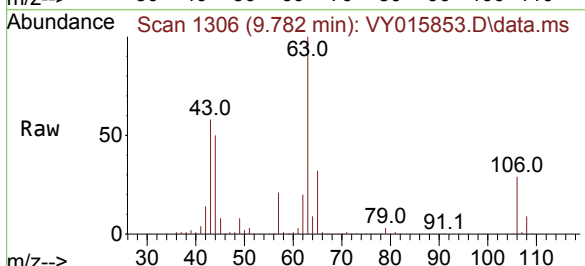
Acq: 06 Oct 2023 10:03

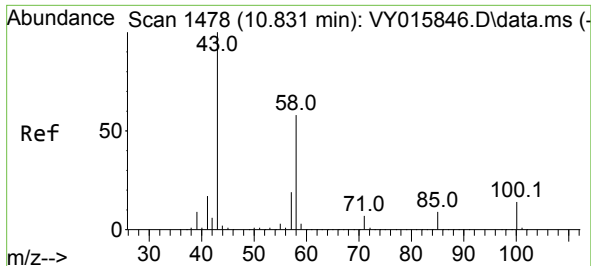
Tgt Ion: 63 Resp: 425473

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

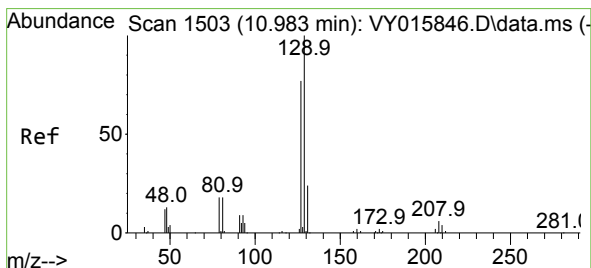
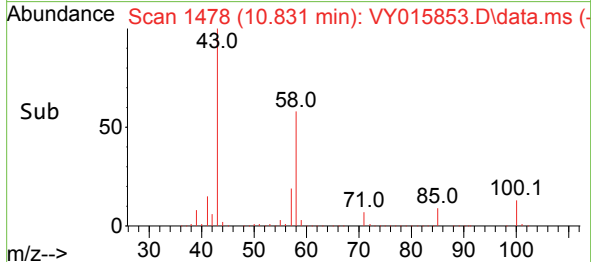
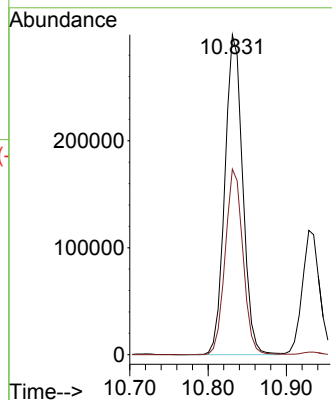
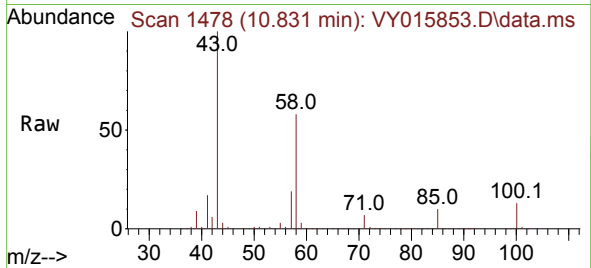




#59
2-Hexanone
Concen: 228.311 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

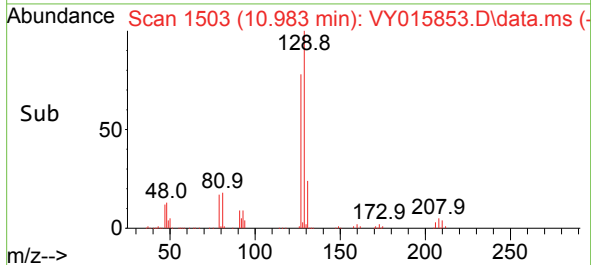
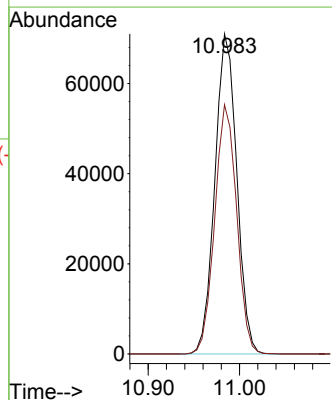
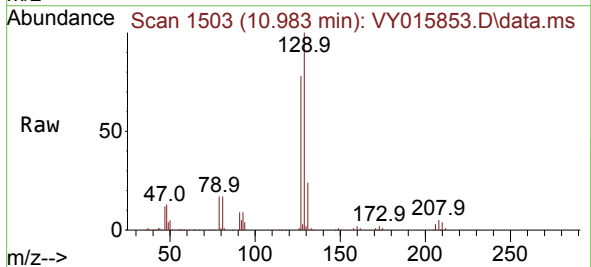
Instrument :
MSVOA_Y
ClientSampleId :

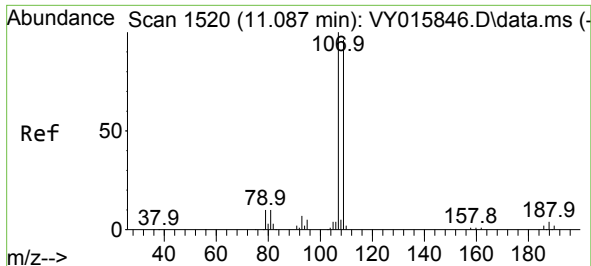
Tgt Ion: 43 Resp: 474267
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 49.546 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 129 Resp: 118519
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

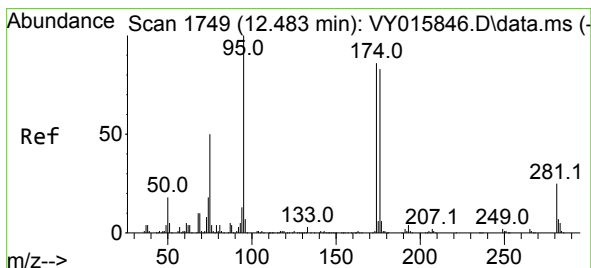
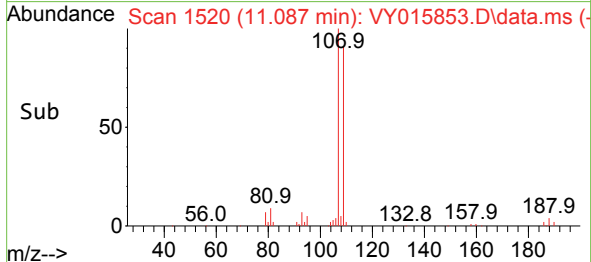
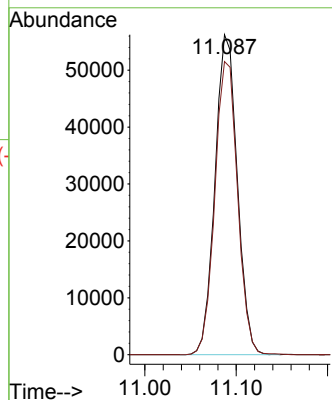
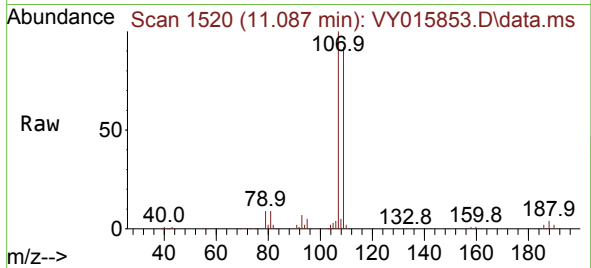




#61
1,2-Dibromoethane
Concen: 49.217 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

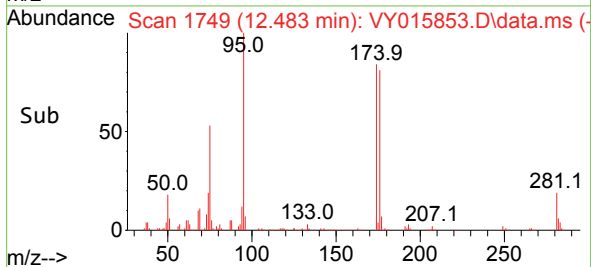
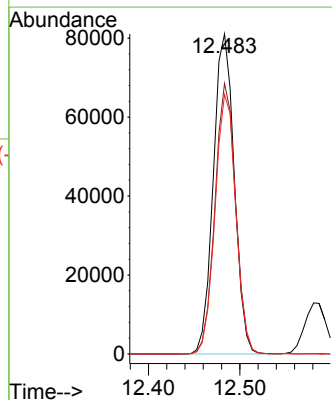
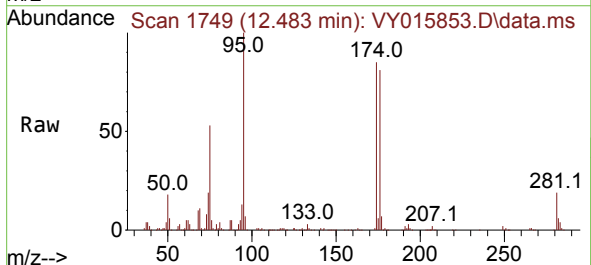
Instrument :
MSVOA_Y
ClientSampleId :

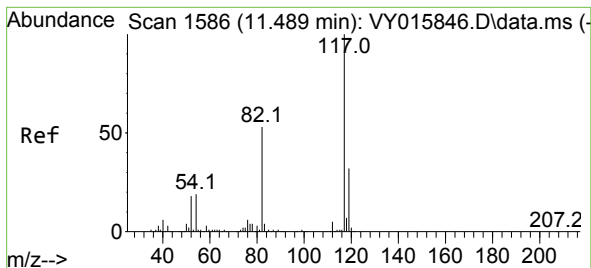
Tgt Ion:107 Resp: 95258
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 95 Resp: 128684
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

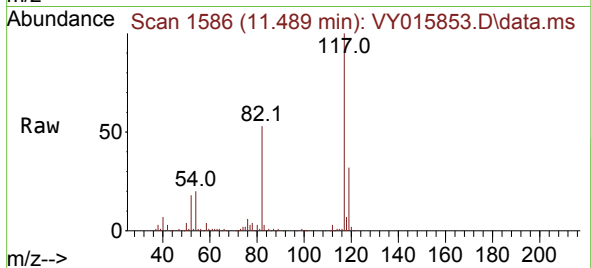
Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :



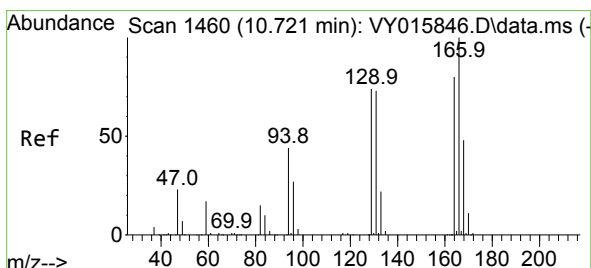
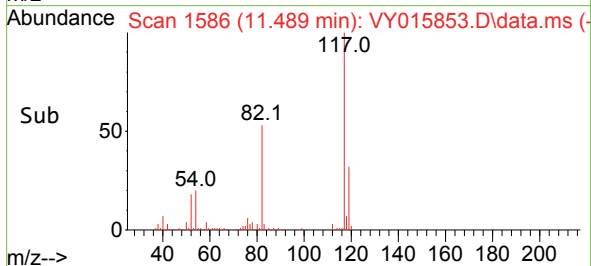
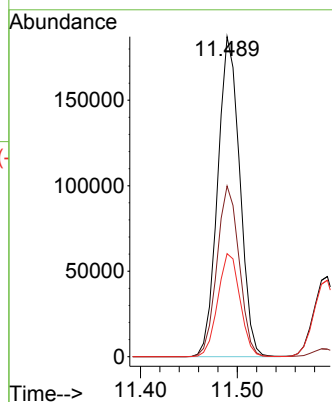
Tgt Ion:117 Resp: 296406

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 51.923 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Tgt Ion:164 Resp: 108177

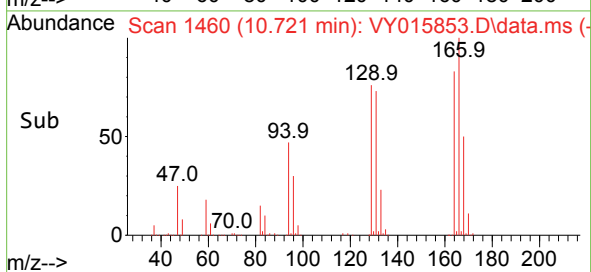
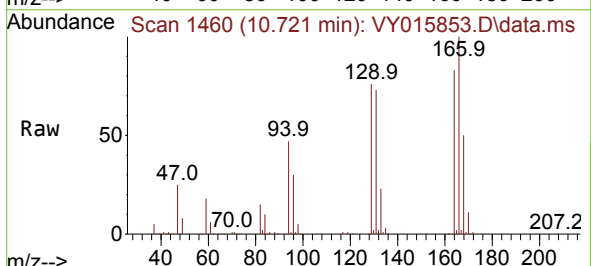
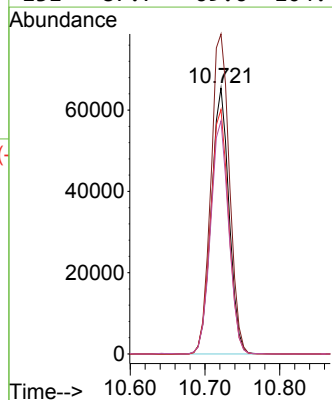
Ion Ratio Lower Upper

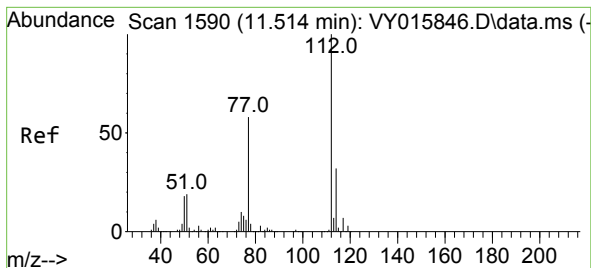
164 100

166 120.3 103.0 154.6

129 92.0 77.2 115.8

131 87.7 69.6 104.4





#65

Chlorobenzene

Concen: 50.800 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

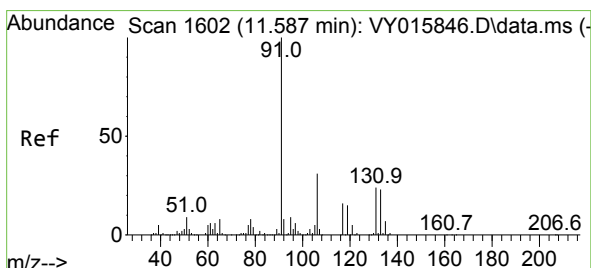
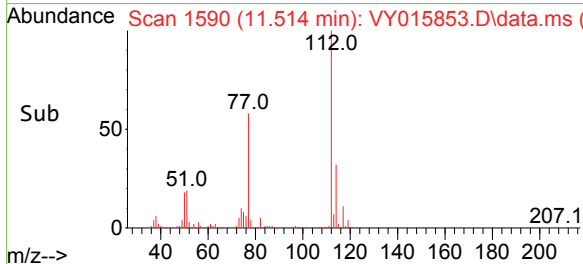
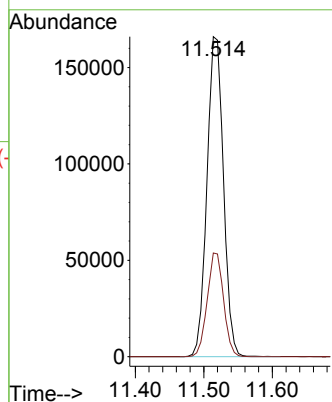
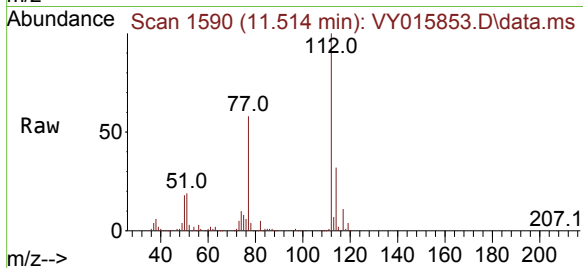
ClientSampleId :

Tgt Ion:112 Resp: 278463

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.171 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

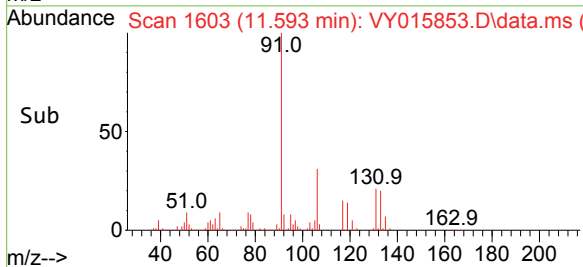
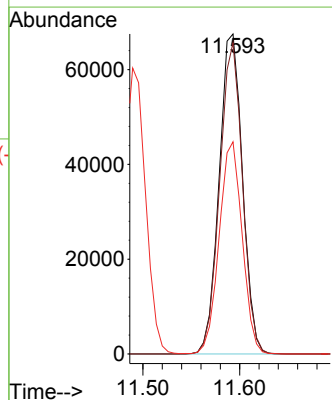
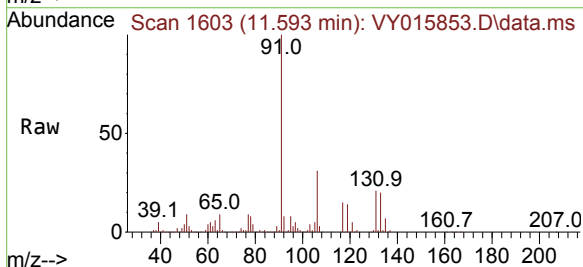
Tgt Ion:131 Resp: 113075

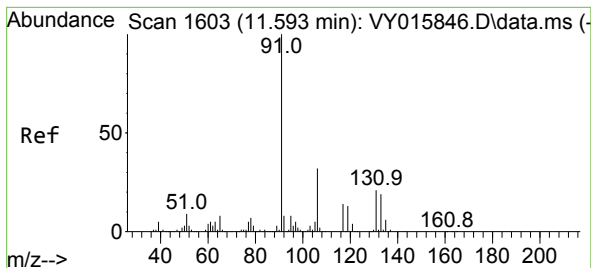
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.6

119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 51.523 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

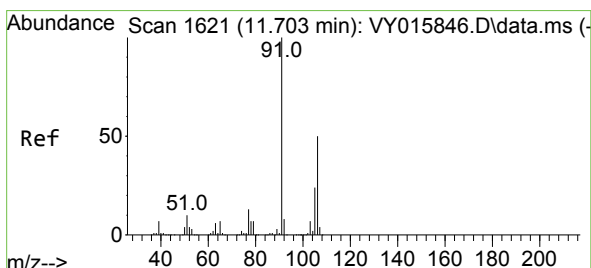
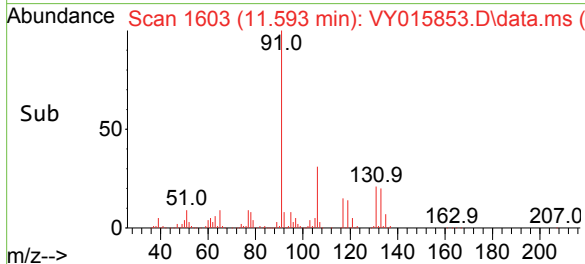
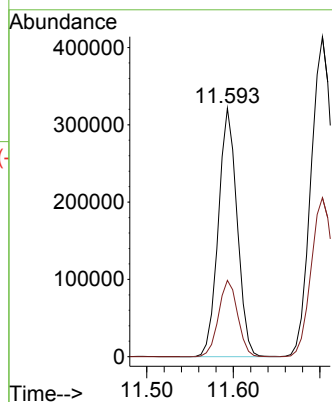
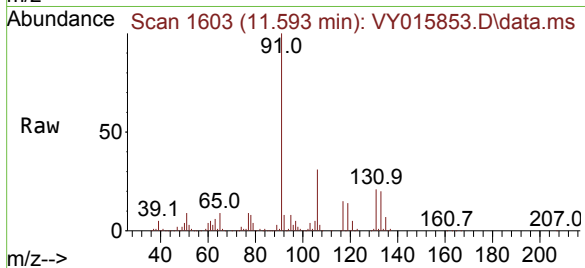
ClientSampleId :

Tgt Ion: 91 Resp: 483400

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 104.118 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015853.D

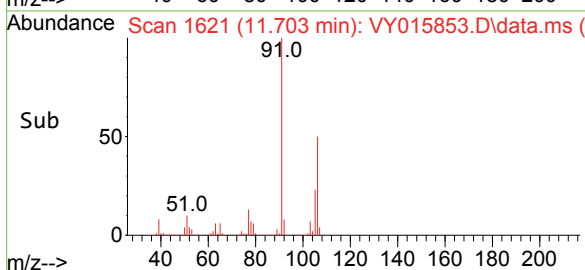
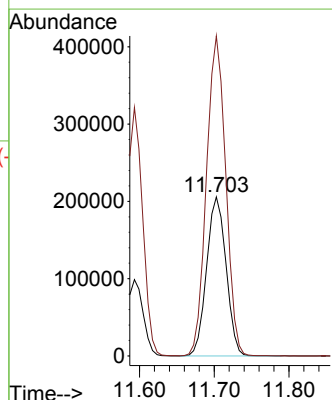
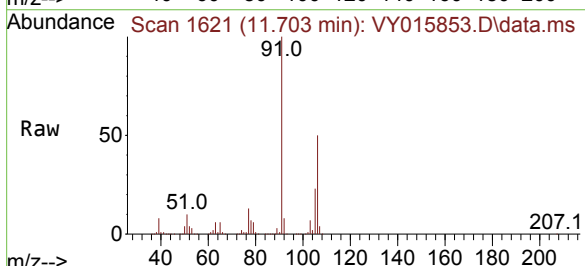
Acq: 06 Oct 2023 10:03

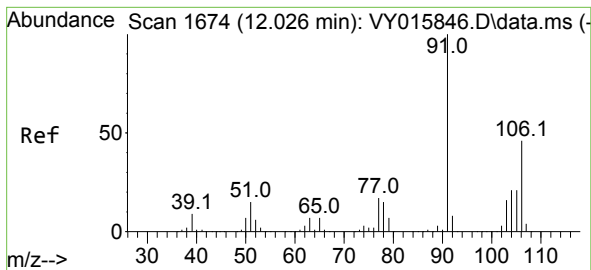
Tgt Ion:106 Resp: 371336

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1





#69

o-Xylene

Concen: 51.880 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

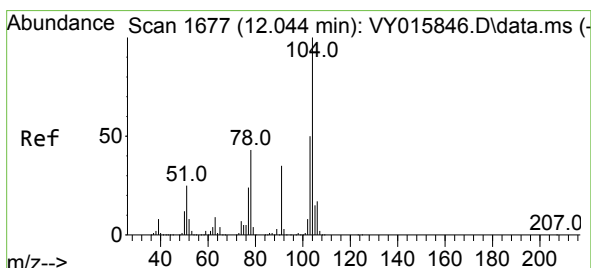
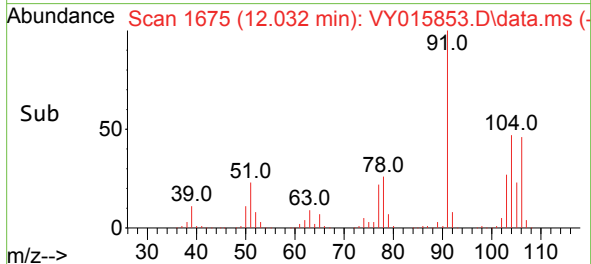
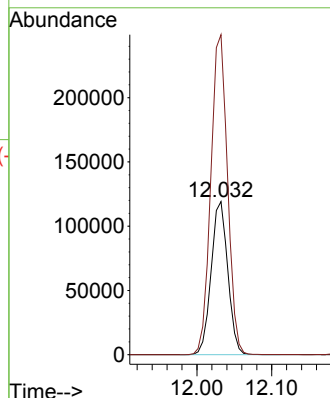
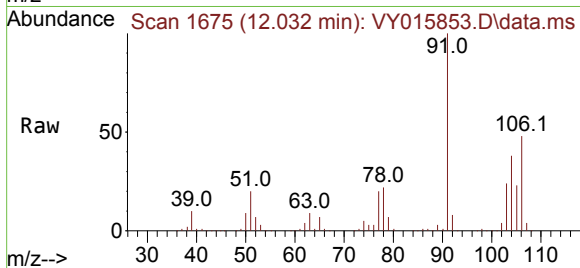
ClientSampleId :

Tgt Ion:106 Resp: 184043

Ion Ratio Lower Upper

106 100

91 210.1 108.1 324.3



#70

Styrene

Concen: 52.066 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

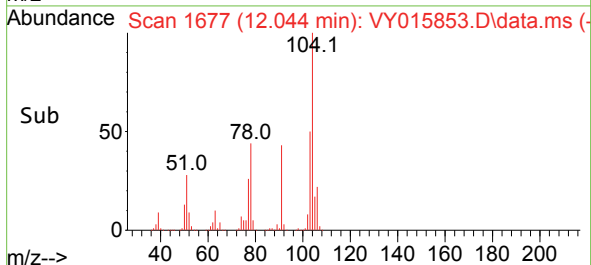
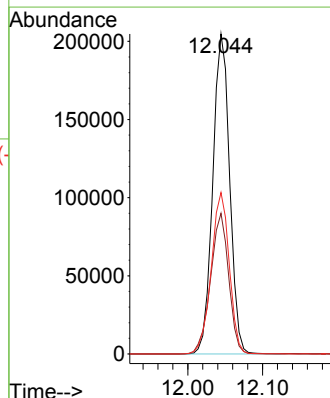
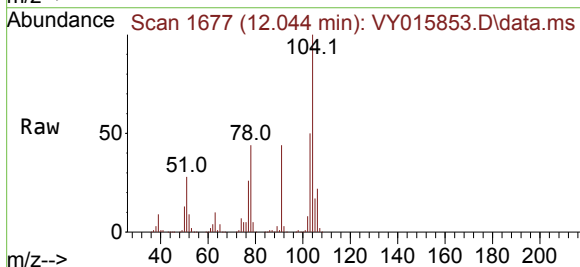
Tgt Ion:104 Resp: 322446

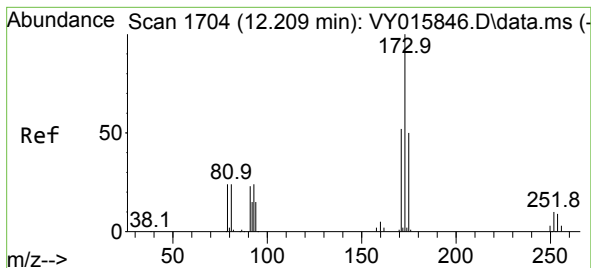
Ion Ratio Lower Upper

104 100

78 47.1 41.5 62.3

103 53.8 44.6 67.0





#71

Bromoform

Concen: 49.686 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

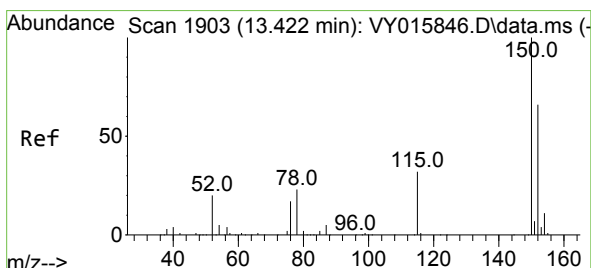
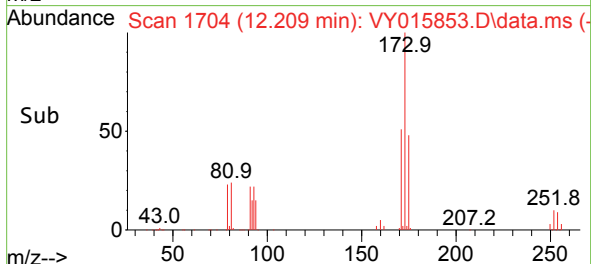
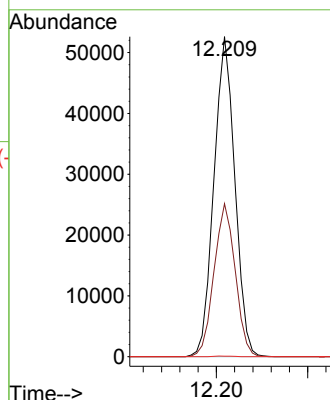
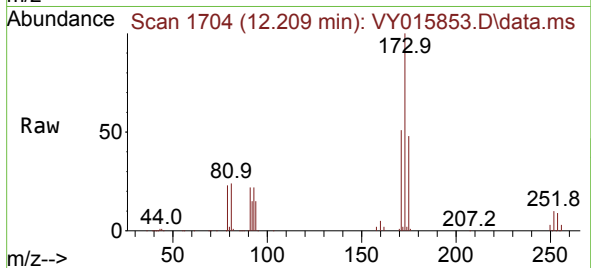
Tgt Ion:173 Resp: 83501

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.2 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: VY015853.D

Acq: 06 Oct 2023 10:03

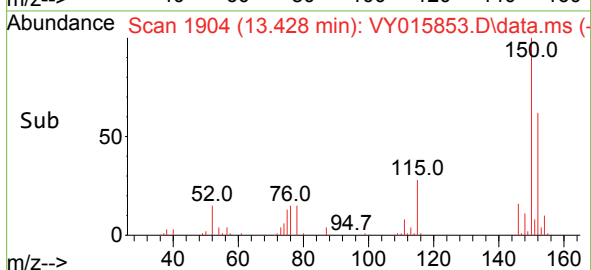
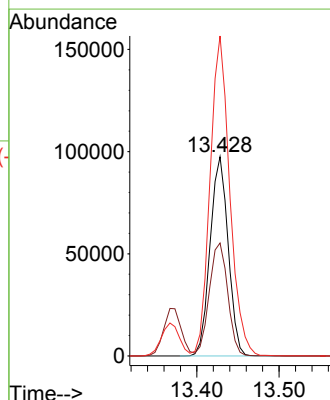
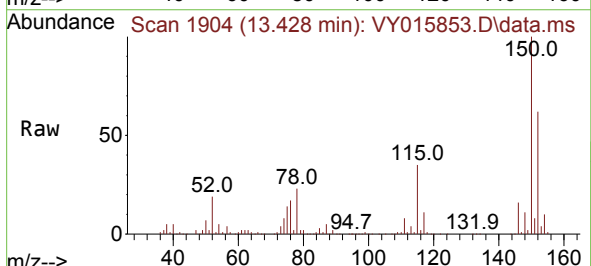
Tgt Ion:152 Resp: 148695

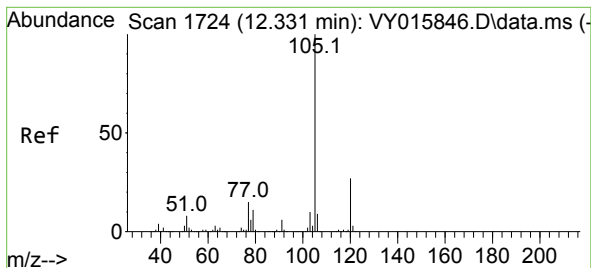
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 174.7 0.0 348.8





#73

Isopropylbenzene

Concen: 50.830 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

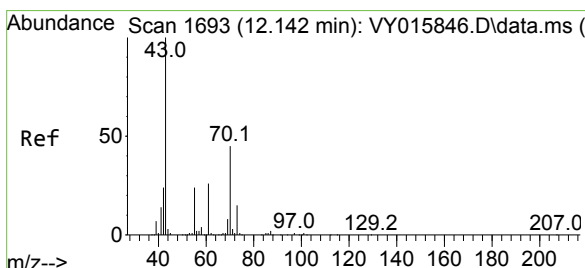
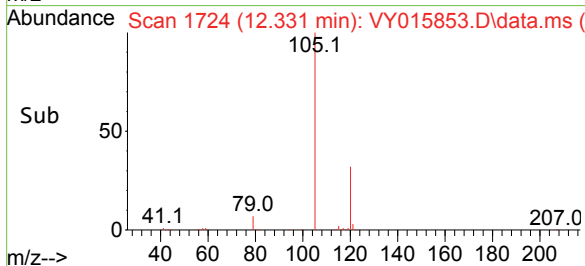
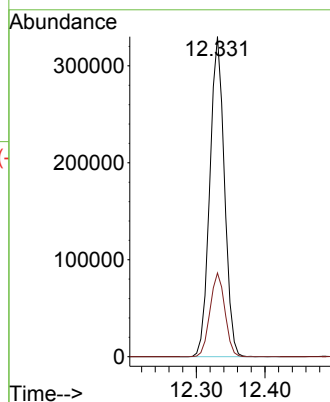
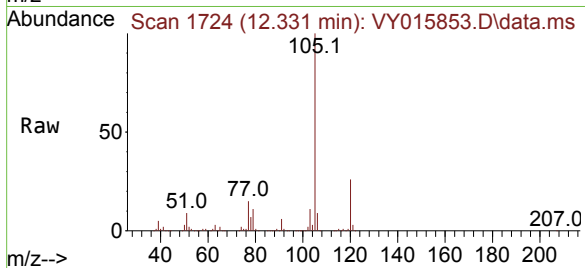
ClientSampleId :

Tgt Ion:105 Resp: 489608

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 48.544 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Tgt Ion: 43 Resp: 180687

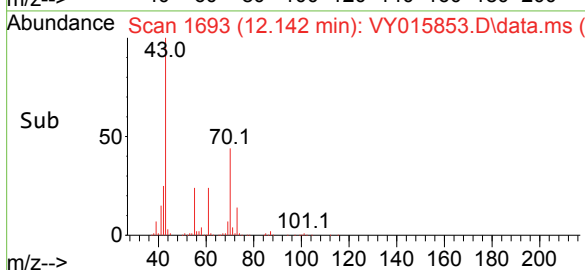
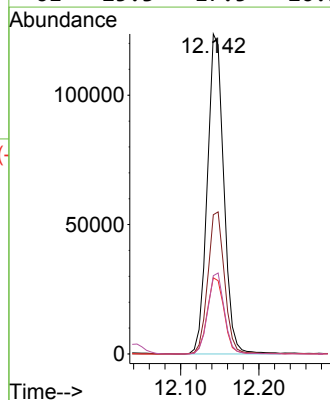
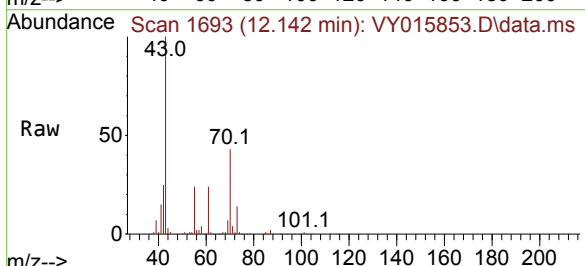
Ion Ratio Lower Upper

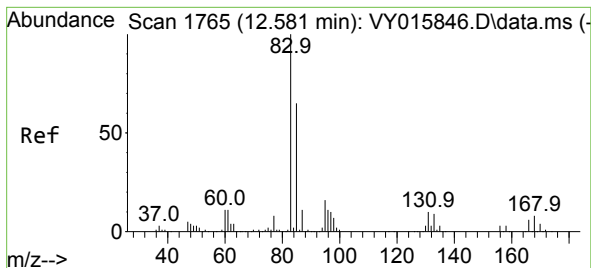
43 100

70 45.0 29.7 44.5#

55 24.4 18.3 27.5

61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.194 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

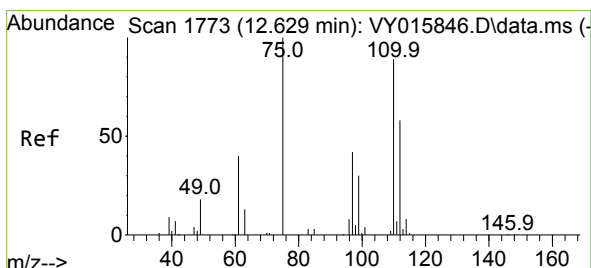
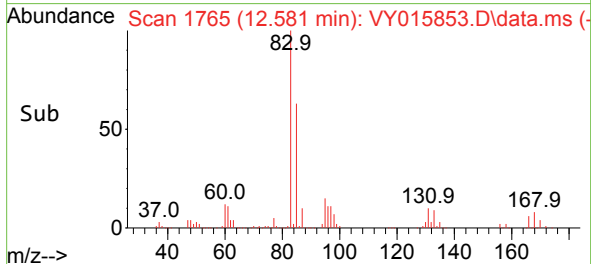
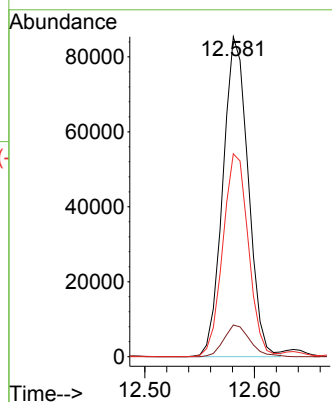
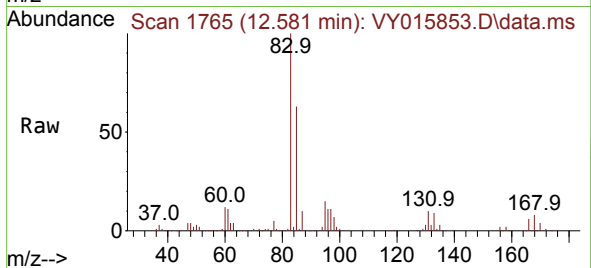
Tgt Ion: 83 Resp: 137128

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 80.445 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015853.D

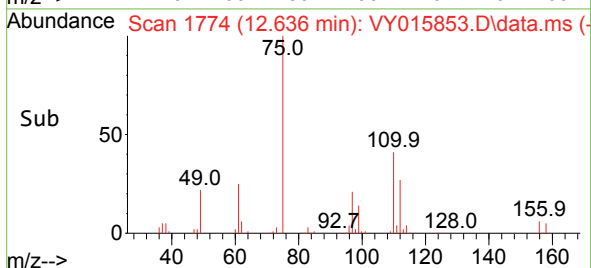
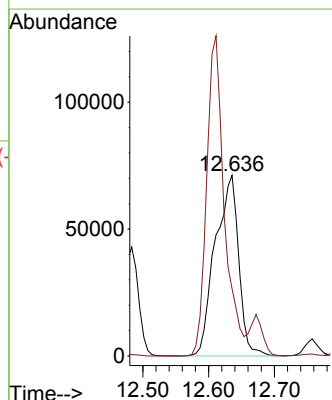
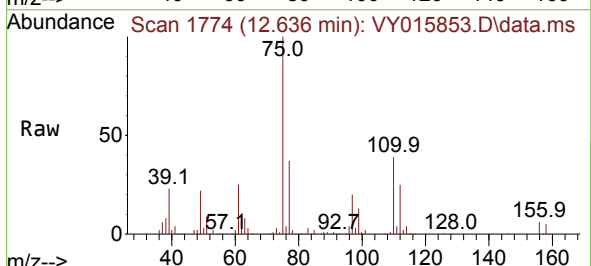
Acq: 06 Oct 2023 10:03

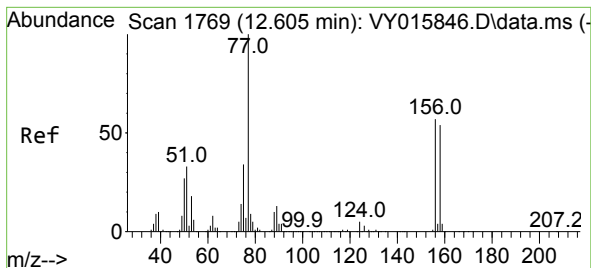
Tgt Ion: 75 Resp: 177077

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.852 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

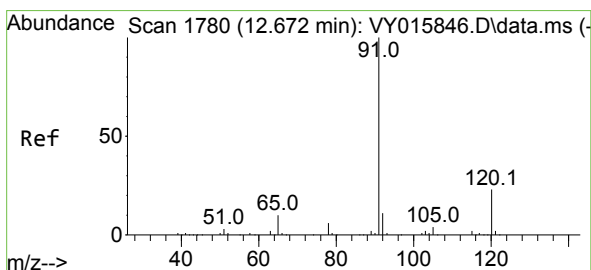
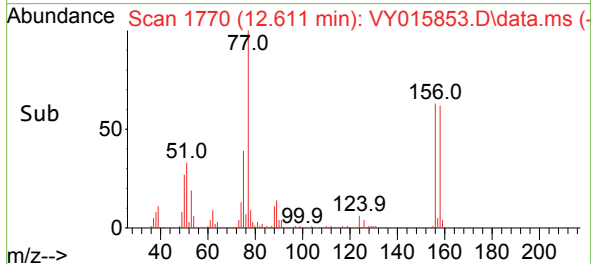
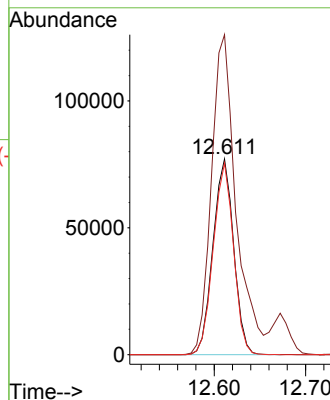
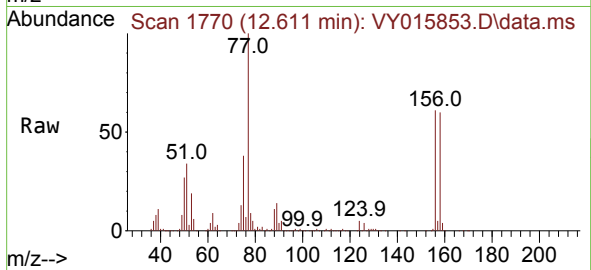
Tgt Ion:156 Resp: 121175

Ion Ratio Lower Upper

156 100

77 193.8 92.8 278.6

158 96.0 48.4 145.3



#78

n-propylbenzene

Concen: 51.168 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015853.D

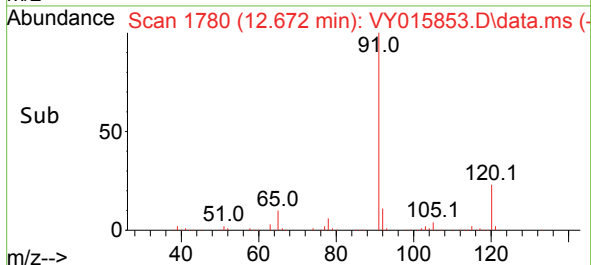
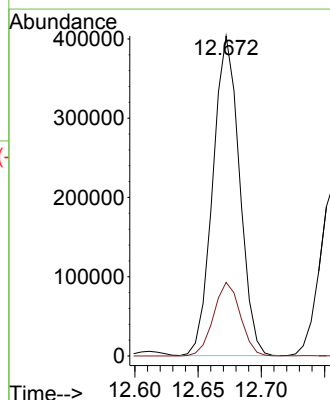
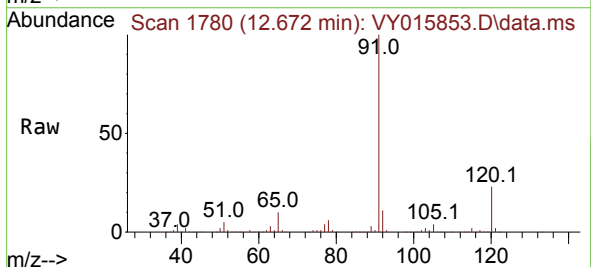
Acq: 06 Oct 2023 10:03

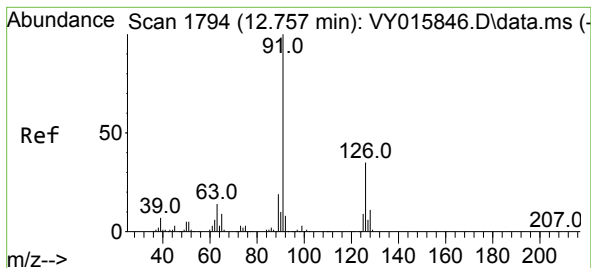
Tgt Ion: 91 Resp: 590345

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

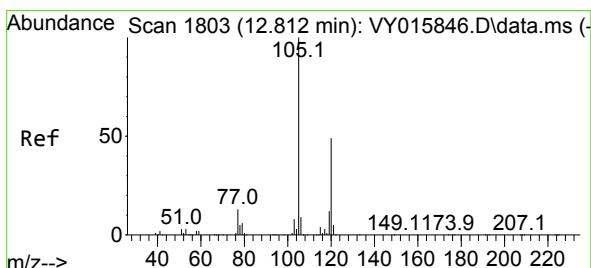
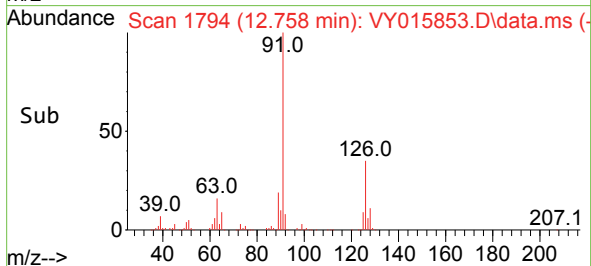
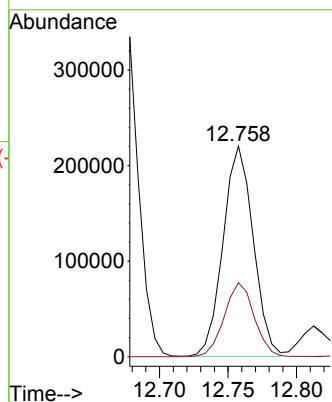
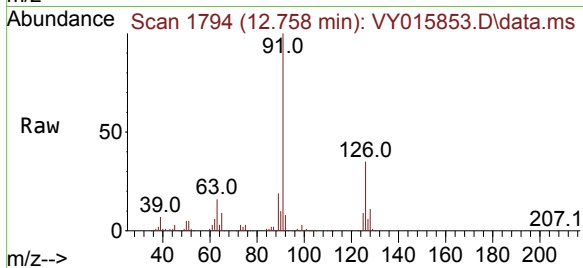




#79
2-Chlorotoluene
Concen: 50.781 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

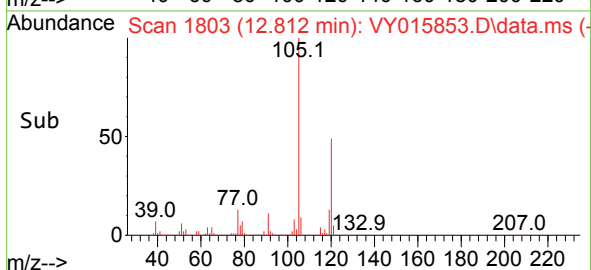
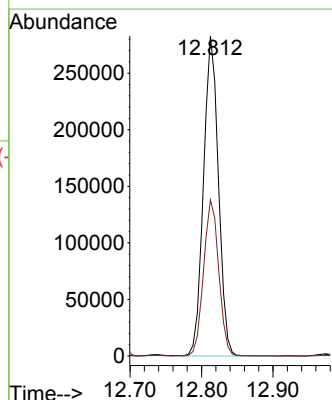
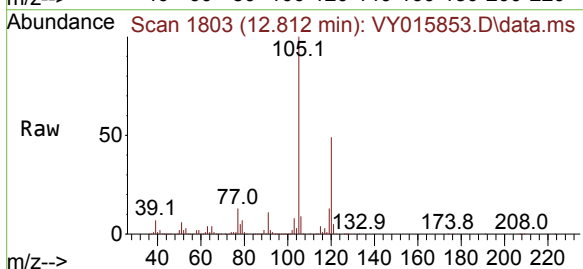
Instrument :
MSVOA_Y
ClientSampleId :

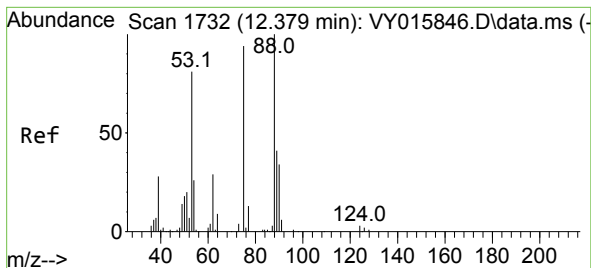
Tgt Ion: 91 Resp: 337396
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.042 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 105 Resp: 409742
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

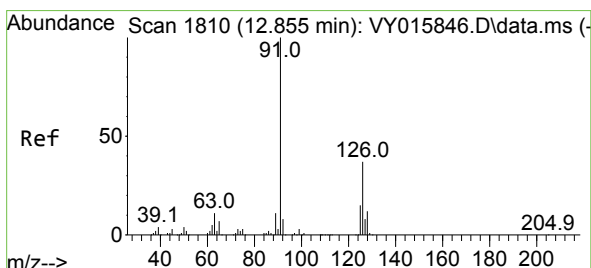
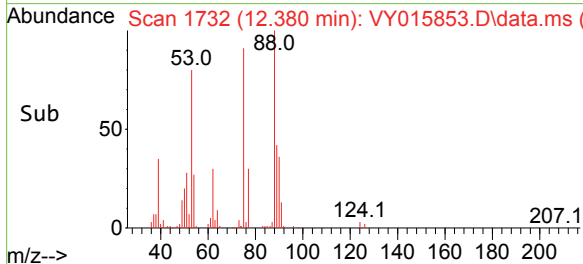
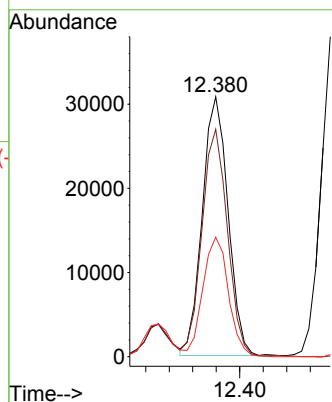
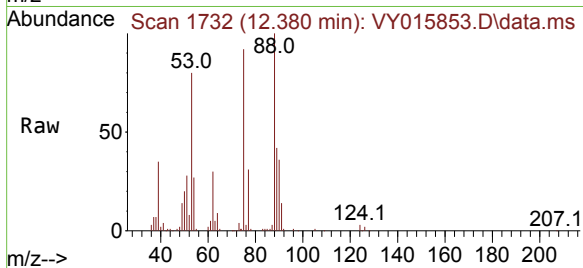




#81
trans-1,4-Dichloro-2-butene
Concen: 49.216 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

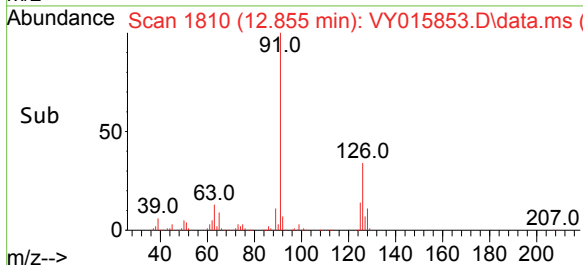
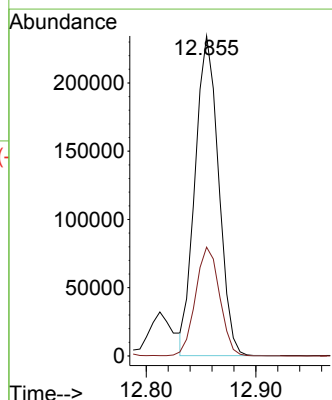
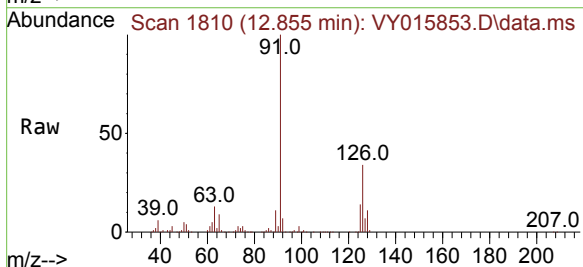
Instrument :
MSVOA_Y
ClientSampleId :

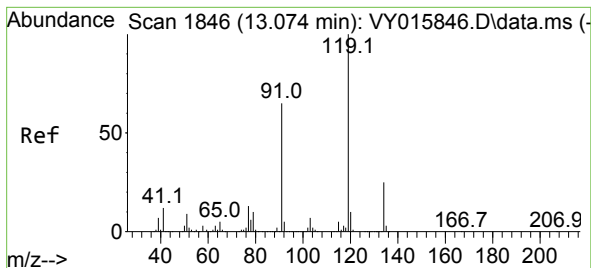
Tgt Ion: 75 Resp: 46799
Ion Ratio Lower Upper
75 100
53 86.8 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.129 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion: 91 Resp: 348592
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

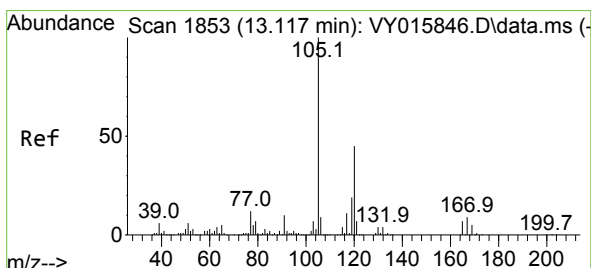
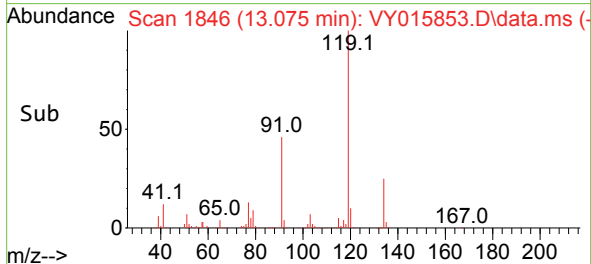
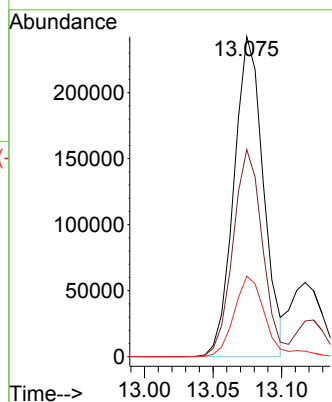
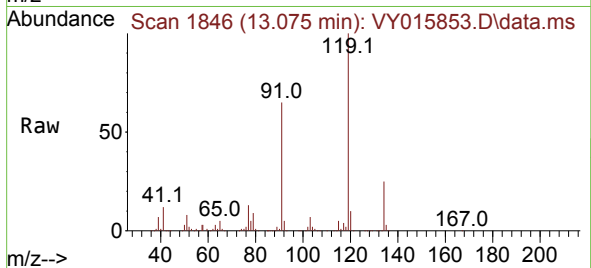




#83
tert-Butylbenzene
Concen: 49.430 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

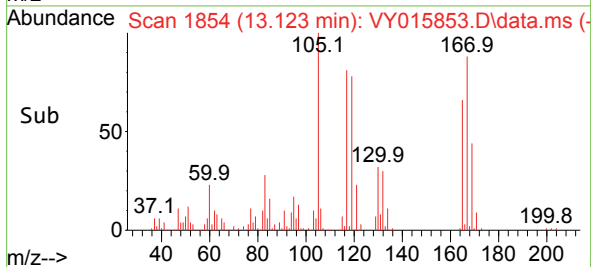
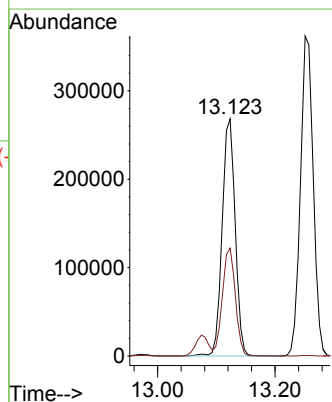
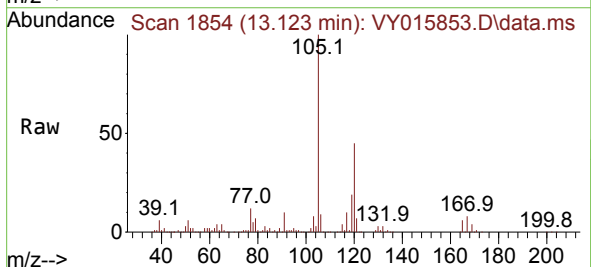
Instrument :
MSVOA_Y
ClientSampleId :

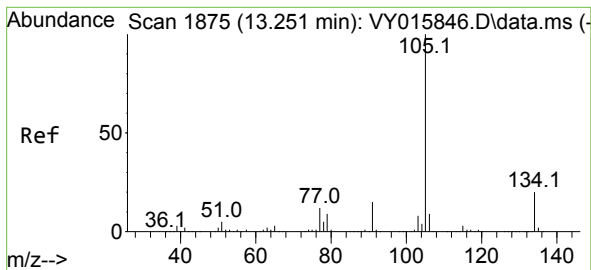
Tgt Ion:119 Resp: 362705
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.6
134 26.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 51.184 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015853.D
Acq: 06 Oct 2023 10:03

Tgt Ion:105 Resp: 412775
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.741 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

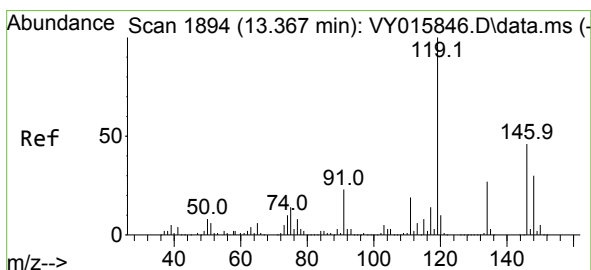
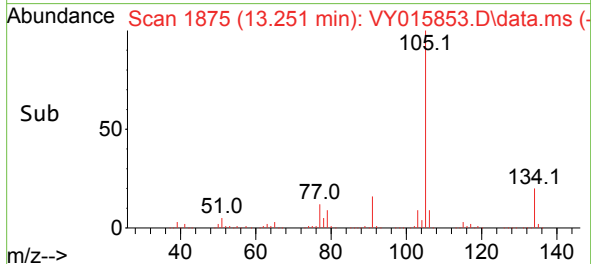
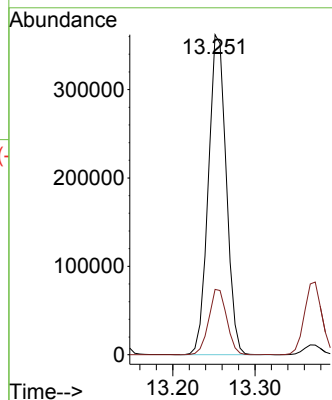
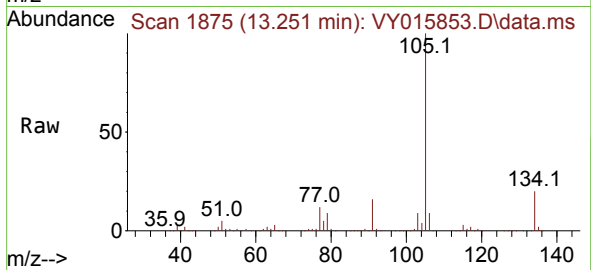
ClientSampleId :

Tgt Ion:105 Resp: 546246

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.617 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

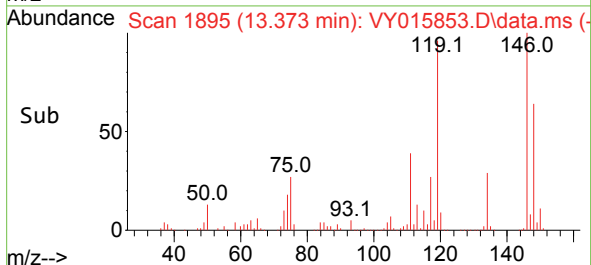
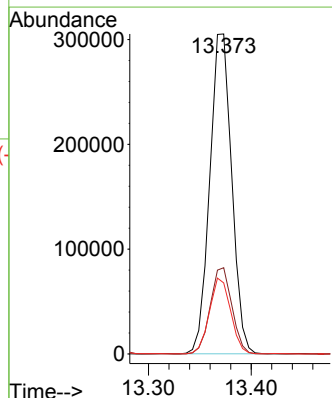
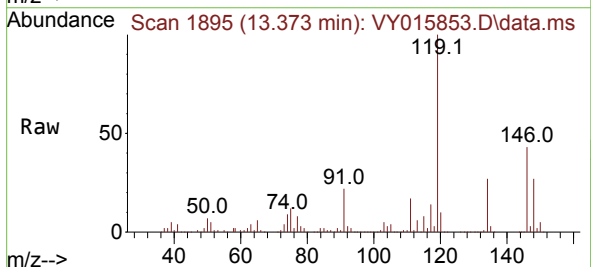
Tgt Ion:119 Resp: 453775

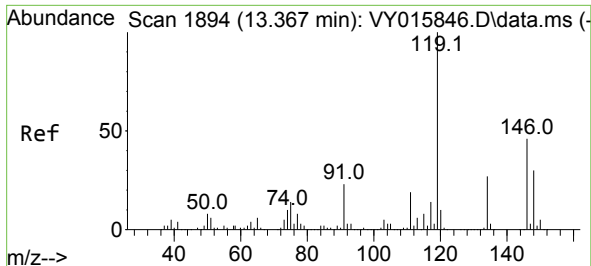
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

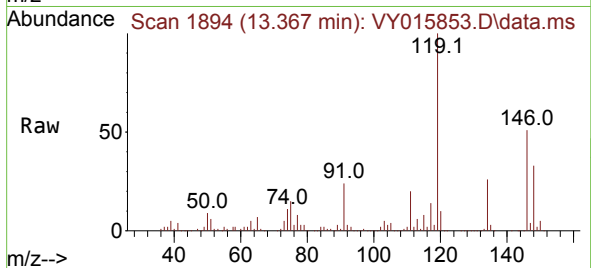
91 23.0 12.4 37.4



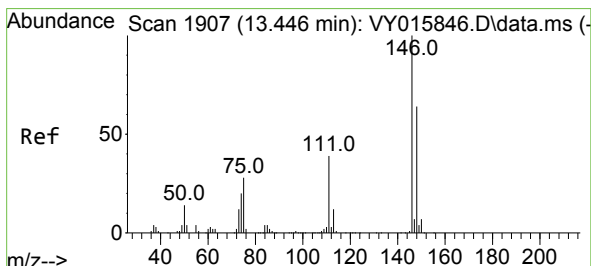
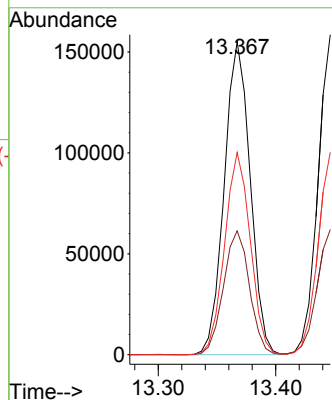
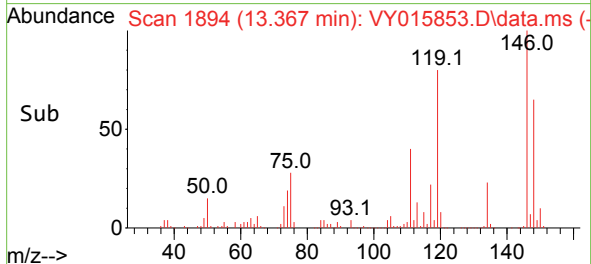


#87
 1,3-Dichlorobenzene
 Concen: 49.867 ug/l
 RT: 13.367 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03

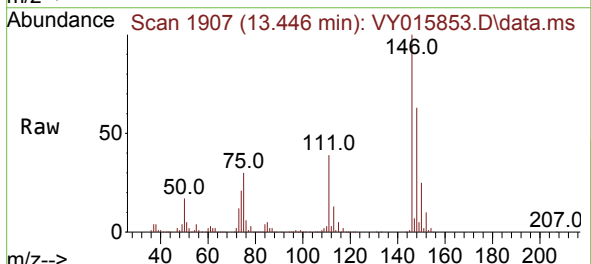
Instrument :
 MSVOA_Y
 ClientSampleId :



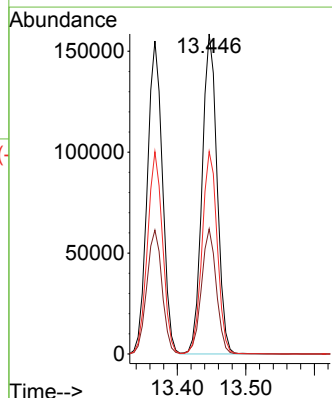
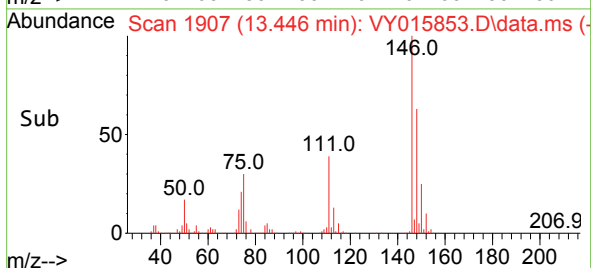
Tgt Ion:146 Resp: 237916
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.2
 148 64.1 31.9 95.5

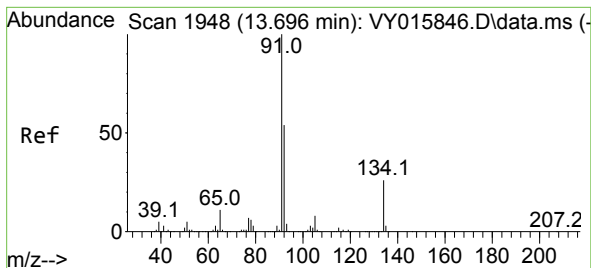


#88
 1,4-Dichlorobenzene
 Concen: 50.015 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015853.D
 Acq: 06 Oct 2023 10:03



Tgt Ion:146 Resp: 241265
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.7
 148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 50.276 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

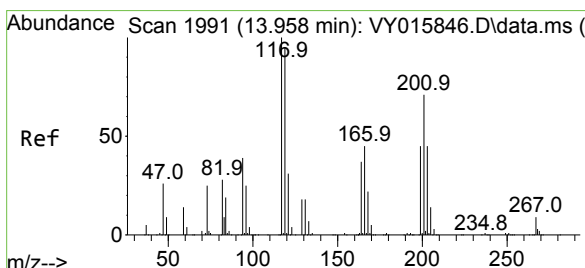
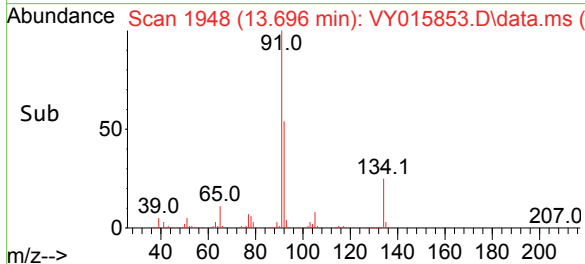
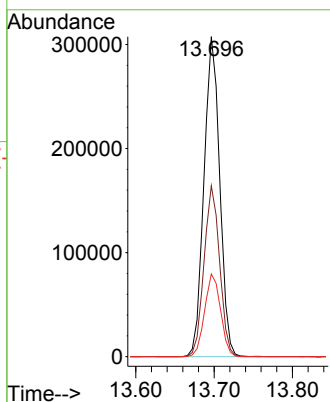
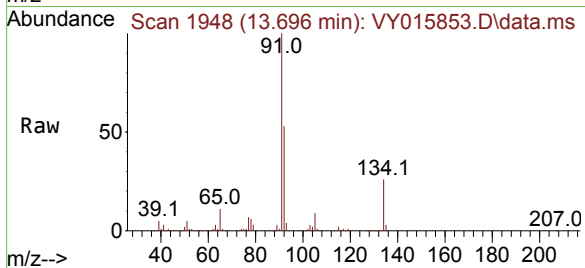
Tgt Ion: 91 Resp: 428882

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 51.435 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015853.D

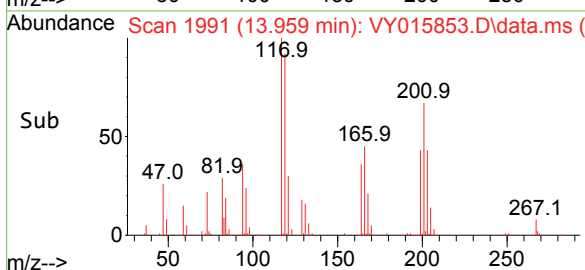
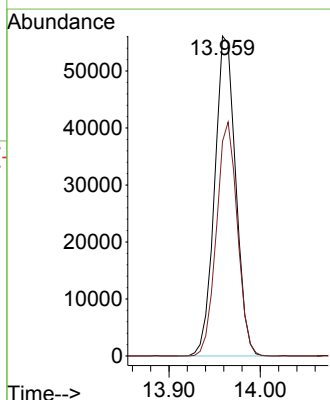
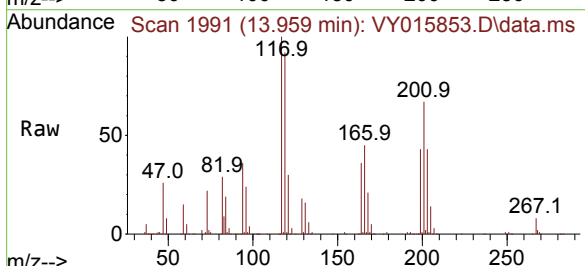
Acq: 06 Oct 2023 10:03

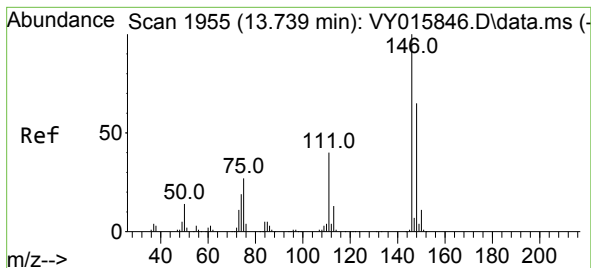
Tgt Ion: 117 Resp: 90004

Ion Ratio Lower Upper

117 100

201 72.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.466 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

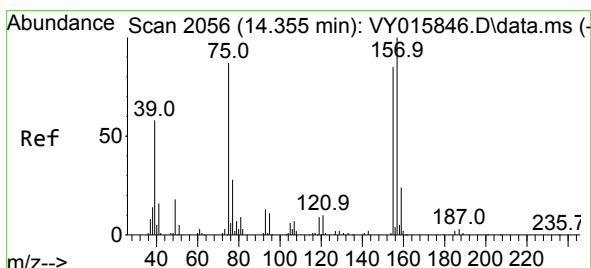
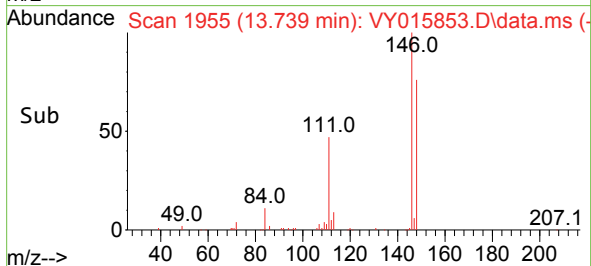
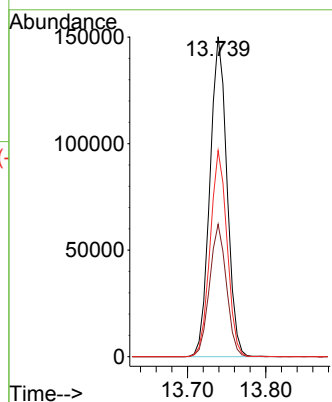
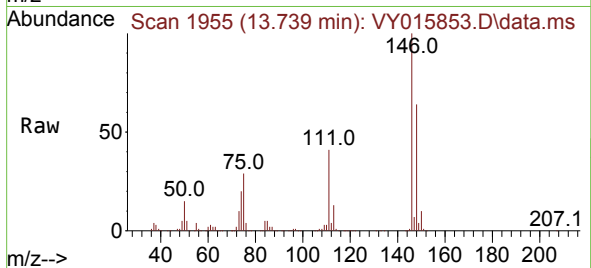
Tgt Ion:146 Resp: 226755

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.944 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

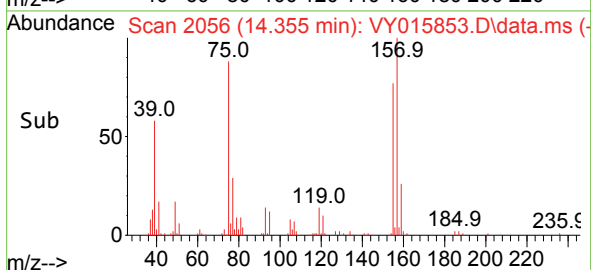
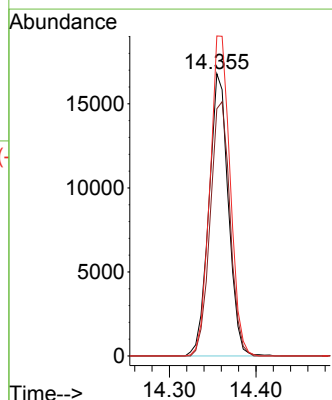
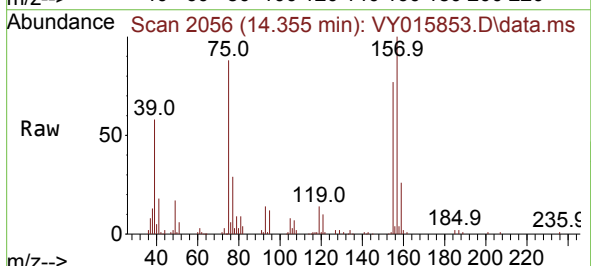
Tgt Ion: 75 Resp: 26231

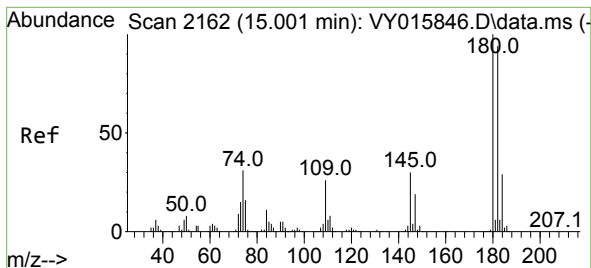
Ion Ratio Lower Upper

75 100

155 91.6 41.5 124.6

157 117.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.007 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

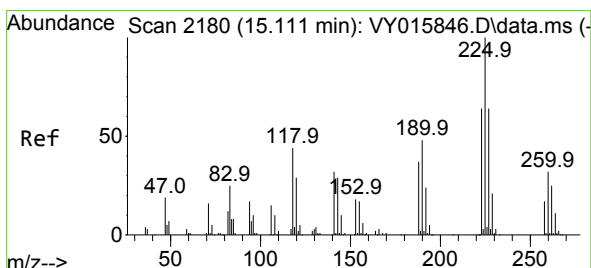
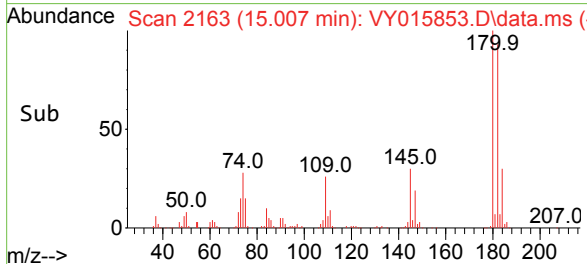
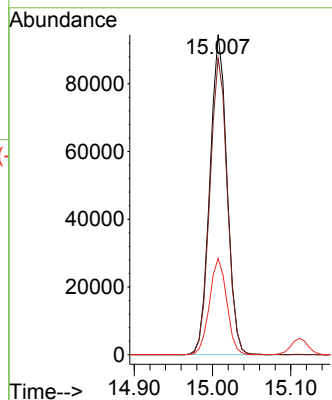
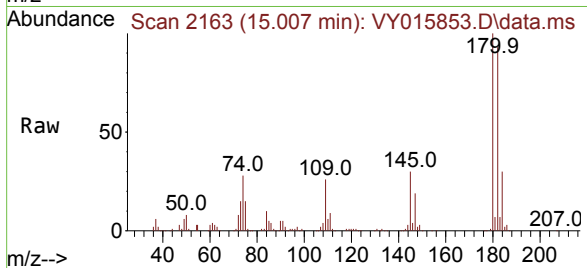
Tgt Ion:180 Resp: 143321

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.279 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

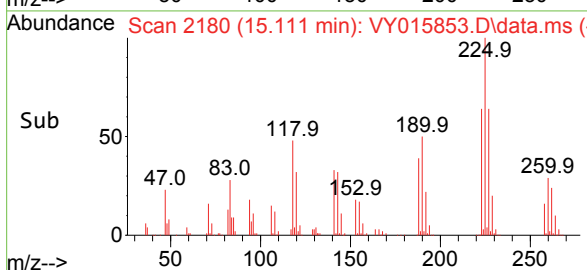
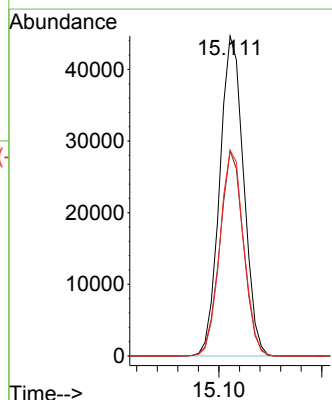
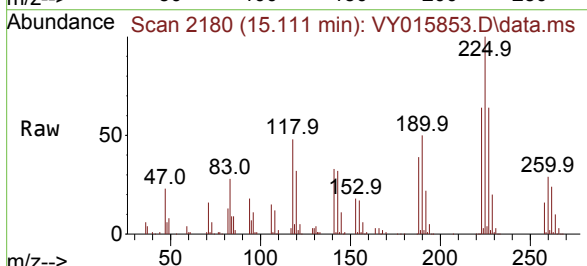
Tgt Ion:225 Resp: 72045

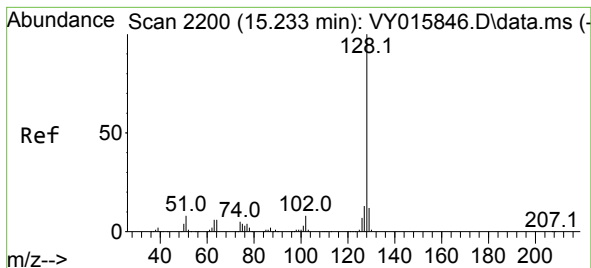
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 47.882 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

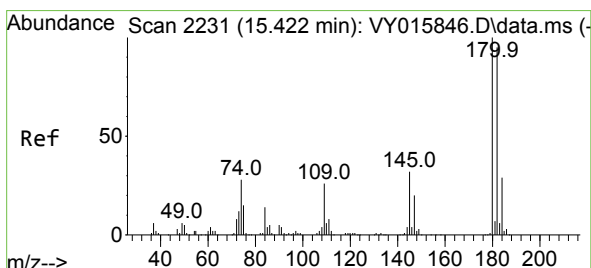
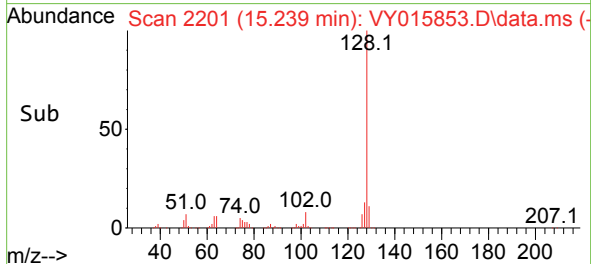
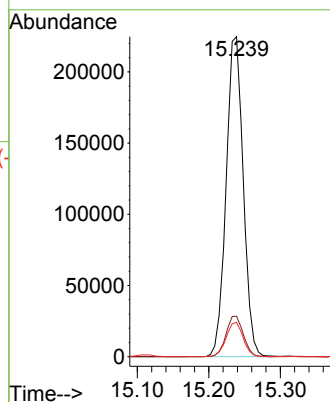
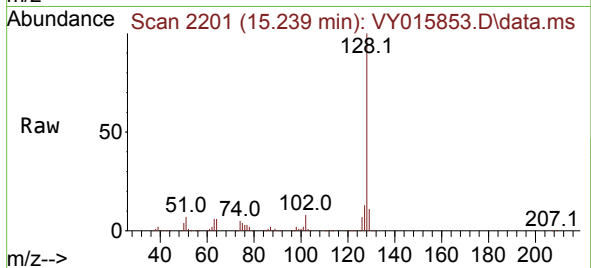
Tgt Ion:128 Resp: 373393

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.389 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015853.D

Acq: 06 Oct 2023 10:03

Tgt Ion:180 Resp: 132591

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 32.0 15.4 46.2

