

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015855.D
 Acq On : 06 Oct 2023 12:01
 Operator : SY/MD
 Sample : VY1006SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:24:18 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	188376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95965	51.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.560%	
35) Dibromofluoromethane	7.716	113	88562	48.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.900%	
50) Toluene-d8	10.179	98	302460	51.488	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.483	95	116298	48.434	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15764	18.197	ug/l	98
3) Chloromethane	2.107	50	16794	17.444	ug/l	98
4) Vinyl Chloride	2.241	62	20741	17.105	ug/l	99
5) Bromomethane	2.644	94	15842	17.756	ug/l	94
6) Chloroethane	2.784	64	13029	15.043	ug/l	95
7) Trichlorofluoromethane	3.107	101	44219	18.796	ug/l	99
8) Diethyl Ether	3.527	74	20252	19.745	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.881	101	29413	19.181	ug/l	94
10) Methyl Iodide	4.082	142	20171	16.633	ug/l	97
11) Tert butyl alcohol	4.917	59	13182	6.782	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	22148	18.061	ug/l	91
13) Acrolein	3.729	56	15372	107.511	ug/l	96
14) Allyl chloride	4.466	41	43167	18.671	ug/l	92
15) Acrylonitrile	5.167	53	86602	108.240	ug/l	98
16) Acetone	3.966	43	113229	117.925	ug/l	91
17) Carbon Disulfide	4.180	76	25249	15.453	ug/l	99
18) Methyl Acetate	4.485	43	65908	21.091	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	116336	20.071	ug/l	97
20) Methylene Chloride	4.710	84	52203	21.621	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	24671	17.465	ug/l	93
22) Diisopropyl ether	6.112	45	120638	20.095	ug/l	98
23) Vinyl Acetate	6.058	43	366930	100.979	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	62651	19.652	ug/l	97
25) 2-Butanone	6.990	43	147854	111.945	ug/l	97
26) 2,2-Dichloropropane	6.978	77	56328	19.013	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	38383	18.797	ug/l	97
28) Bromochloromethane	7.326	49	36743	19.708	ug/l	93
29) Tetrahydrofuran	7.350	42	80579	109.338	ug/l	93
30) Chloroform	7.502	83	71891	20.158	ug/l	96
31) Cyclohexane	7.783	56	35184	16.842	ug/l #	79
32) 1,1,1-Trichloroethane	7.697	97	56229	19.286	ug/l	97
36) 1,1-Dichloropropene	7.911	75	38586	17.876	ug/l	99
37) Ethyl Acetate	7.070	43	52885	21.893	ug/l	96
38) Carbon Tetrachloride	7.893	117	47158	18.580	ug/l	98
39) Methylcyclohexane	9.179	83	38167	16.533	ug/l	95
40) Benzene	8.155	78	126783	18.718	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23777	20.561	ug/l	93
42) 1,2-Dichloroethane	8.234	62	48052	19.703	ug/l	95
43) Isopropyl Acetate	8.271	43	84807	20.398	ug/l	97
44) Trichloroethene	8.935	130	38771	19.559	ug/l	97
45) 1,2-Dichloropropane	9.216	63	38917	19.425	ug/l	97
46) Dibromomethane	9.301	93	25536	19.937	ug/l	96
47) Bromodichloromethane	9.496	83	58132	19.553	ug/l	98
48) Methyl methacrylate	9.289	41	36115	19.888	ug/l	91
49) 1,4-Dioxane	9.319	88	13800	480.985	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	282056	108.443	ug/l	92
52) Toluene	10.240	92	85066	19.195	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	59700	19.137	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	63669	19.225	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	40345	20.050	ug/l	98
56) Ethyl methacrylate	10.508	69	58930	20.199	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	65157	20.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	170129	100.076	ug/l	95
59) 2-Hexanone	10.831	43	227890	112.913	ug/l	90
60) Dibromochloromethane	10.983	129	47523	20.448	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38235	20.333	ug/l	98
64) Tetrachloroethene	10.721	164	41874	20.683	ug/l	96
65) Chlorobenzene	11.514	112	104846	19.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	42989	19.629	ug/l	98
67) Ethyl Benzene	11.593	91	174313	19.119	ug/l	97
68) m/p-Xylenes	11.703	106	133317	38.467	ug/l	96
69) o-Xylene	12.026	106	66041	19.158	ug/l	99
70) Styrene	12.044	104	117838	19.581	ug/l	97
71) Bromoform	12.209	173	33965	20.798	ug/l #	98
73) Isopropylbenzene	12.331	105	180503	18.997	ug/l	99
74) N-amyl acetate	12.142	43	74307	20.238	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	56650	20.183	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	75027	34.553	ug/l #	100
77) Bromobenzene	12.605	156	45814	19.490	ug/l	92
78) n-propylbenzene	12.672	91	220159	19.344	ug/l	100
79) 2-Chlorotoluene	12.758	91	127331	19.428	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	154076	19.457	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18663	19.896	ug/l	97
82) 4-Chlorotoluene	12.855	91	133922	19.523	ug/l	99
83) tert-Butylbenzene	13.075	119	138303	19.107	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	155881	19.595	ug/l	99
85) sec-Butylbenzene	13.251	105	209007	19.681	ug/l	100
86) p-Isopropyltoluene	13.367	119	170438	19.273	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93223	19.808	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	95028	19.970	ug/l	99
89) n-Butylbenzene	13.696	91	161945	19.245	ug/l	97
90) Hexachloroethane	13.959	117	33795	19.578	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	89872	20.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11841	21.025	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	55582	19.267	ug/l	99
94) Hexachlorobutadiene	15.111	225	28491	18.954	ug/l	98
95) Naphthalene	15.233	128	154679	20.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	52505	19.425	ug/l	99

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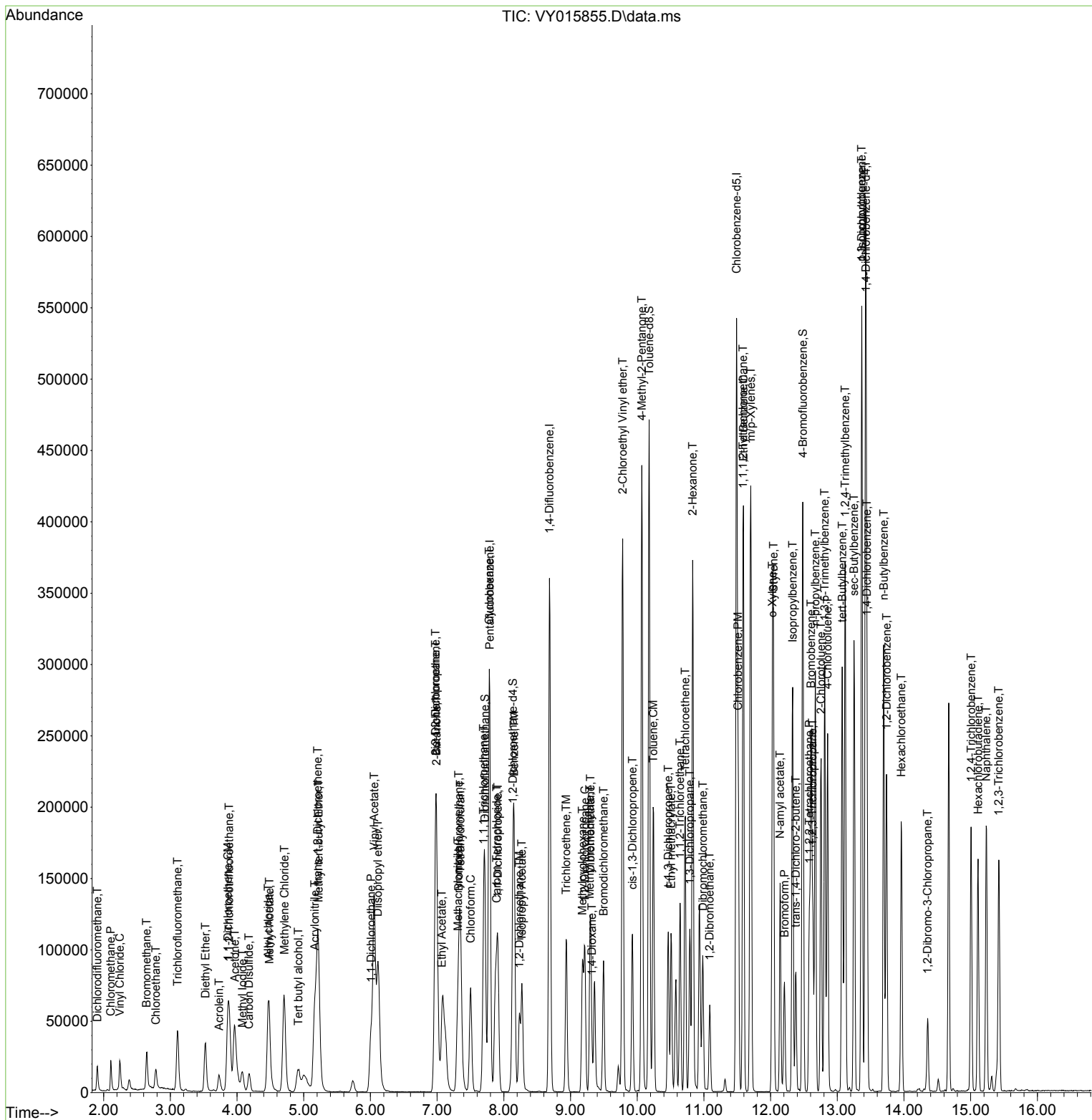
Instrument :
MSVOA_Y
ClientSampleId :

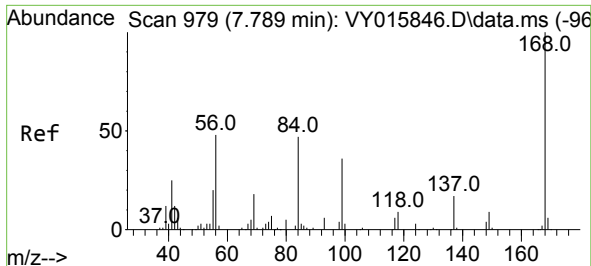
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

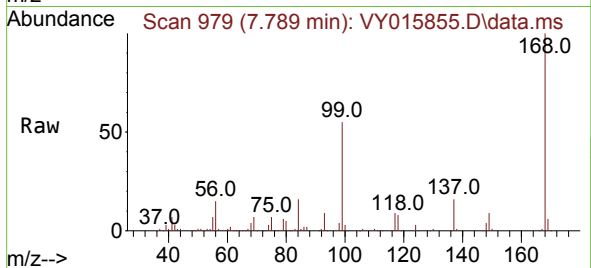
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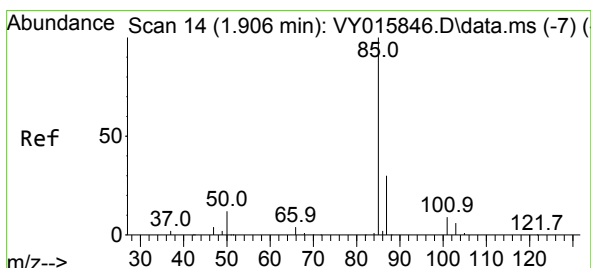
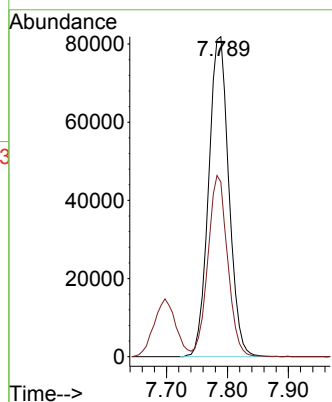
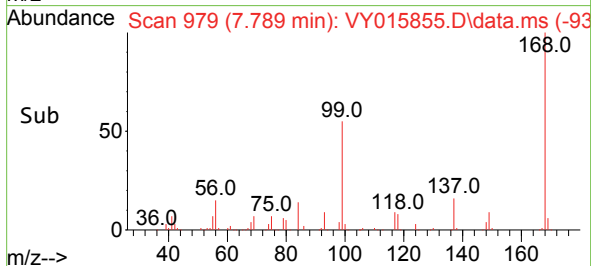


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015855.D
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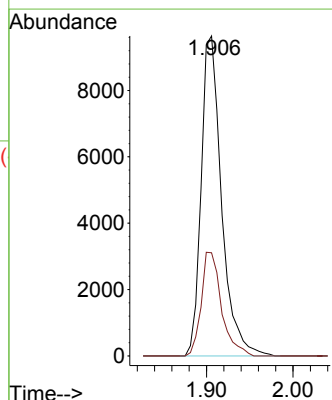
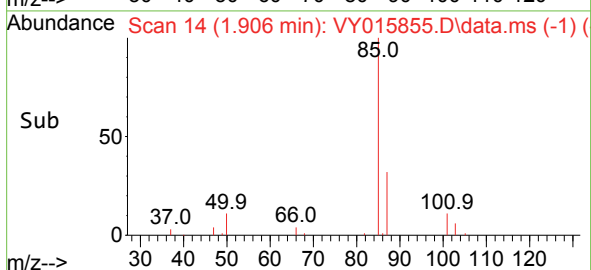
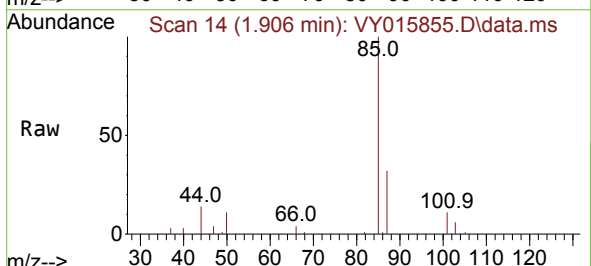


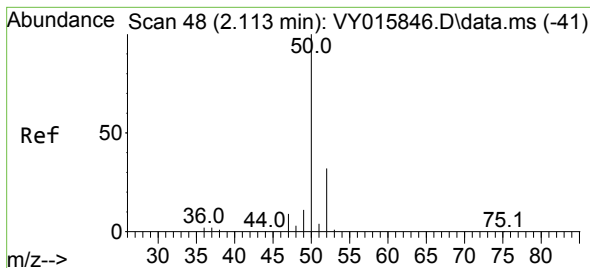
Tgt Ion:168 Resp: 188376
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.197 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 85 Resp: 15764
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8





#3

Chloromethane

Concen: 17.444 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

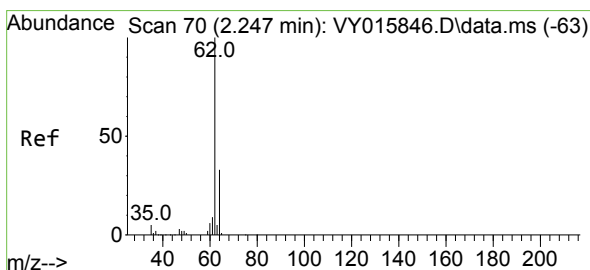
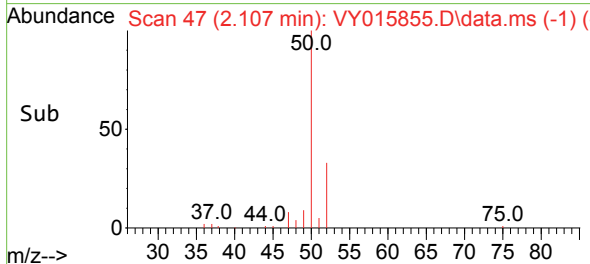
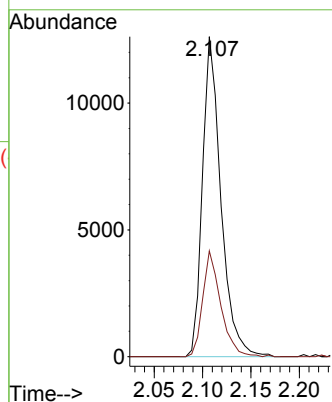
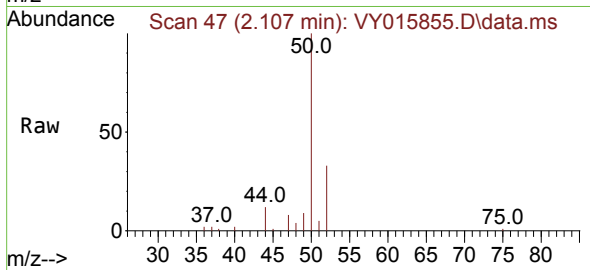
ClientSampleId :

Tgt Ion: 50 Resp: 16794

Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.2



#4

Vinyl Chloride

Concen: 17.105 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY015855.D

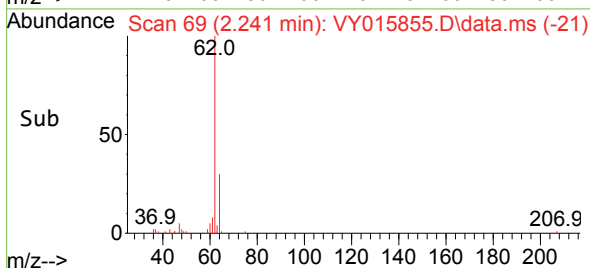
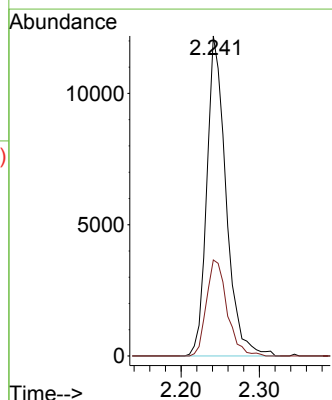
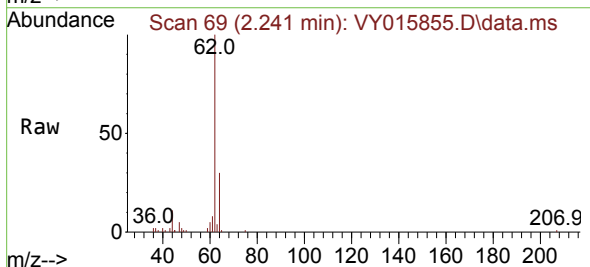
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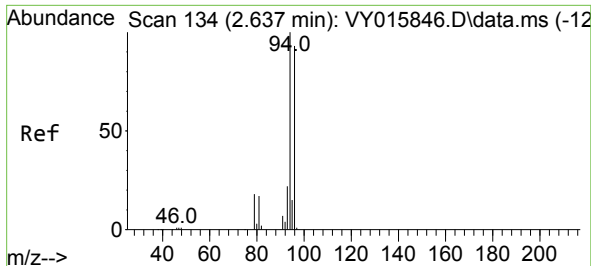
Tgt Ion: 62 Resp: 20741

Ion Ratio Lower Upper

62 100

64 30.0 24.3 36.5

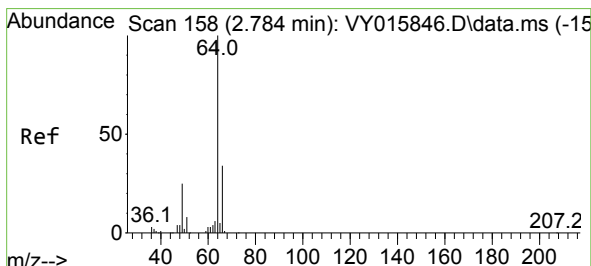
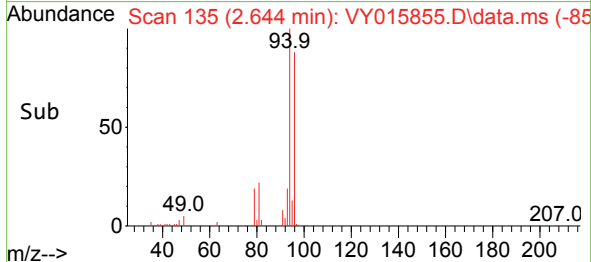
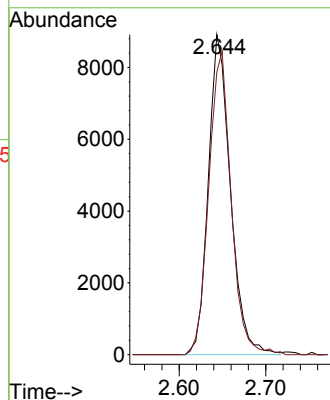
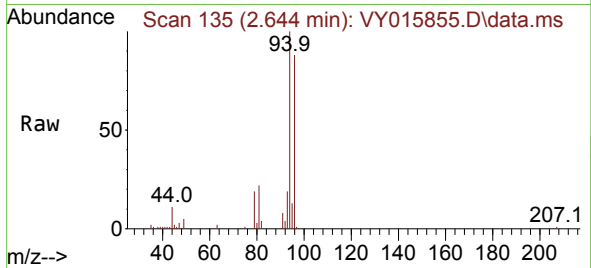




#5
Bromomethane
Concen: 17.756 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

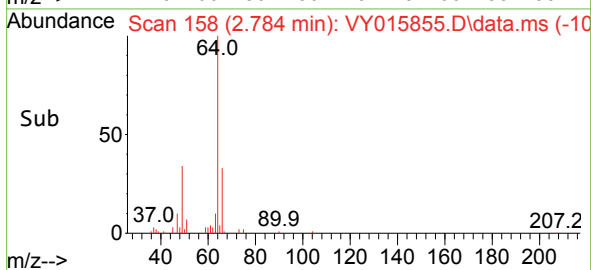
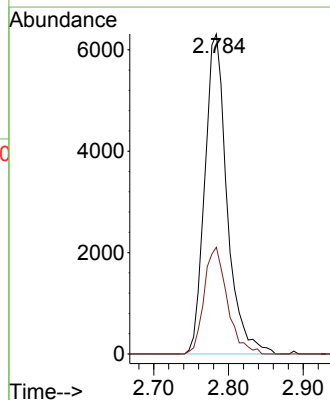
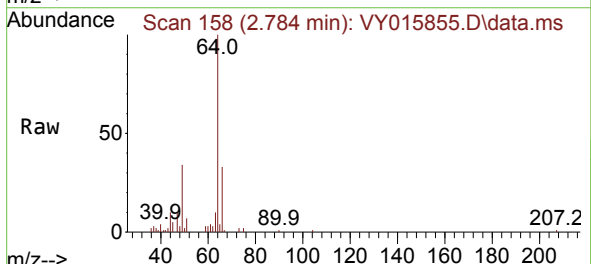
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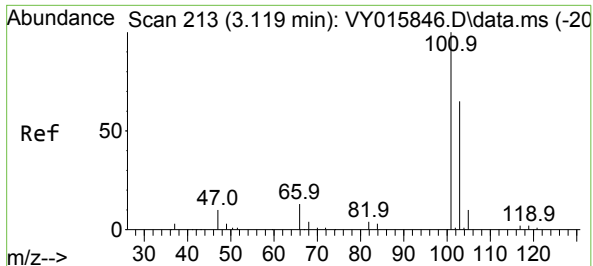
Tgt Ion: 94 Resp: 15842
Ion Ratio Lower Upper
94 100
96 88.4 75.8 113.6



#6
Chloroethane
Concen: 15.043 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 64 Resp: 13029
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

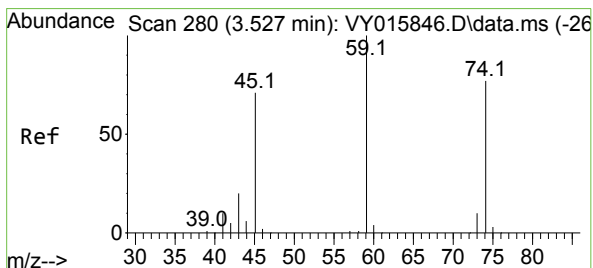
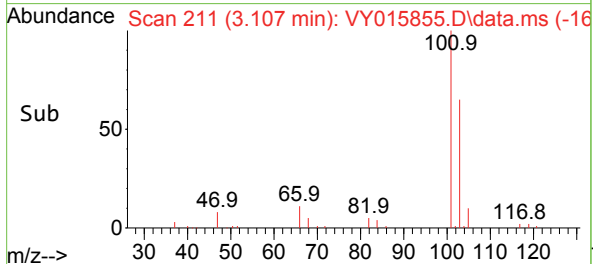
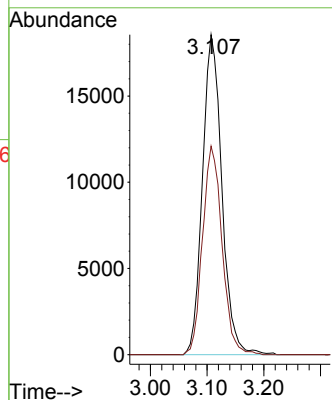
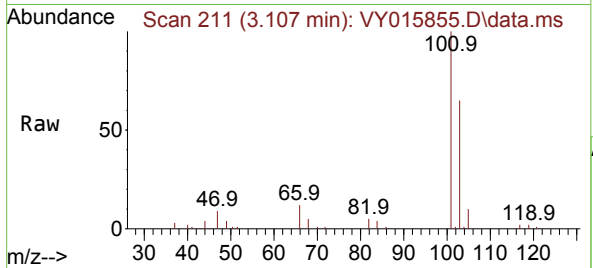




#7
 Trichlorofluoromethane
 Concen: 18.796 ug/l
 RT: 3.107 min Scan# 213
 Delta R.T. -0.012 min
 Lab File: VY015855.D
 Acq: 06 Oct 2023 12:01

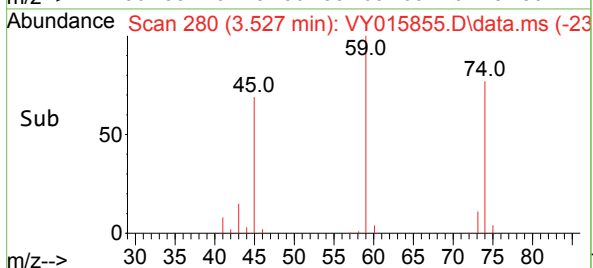
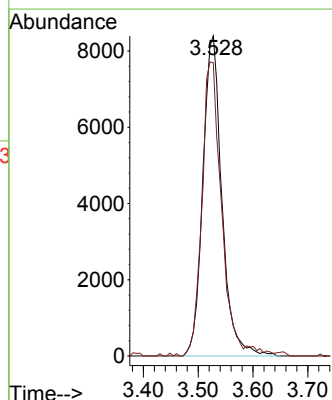
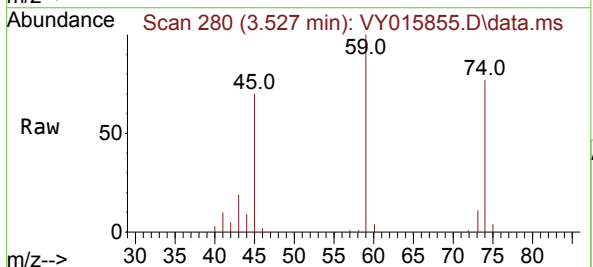
Instrument :
 MSVOA_Y
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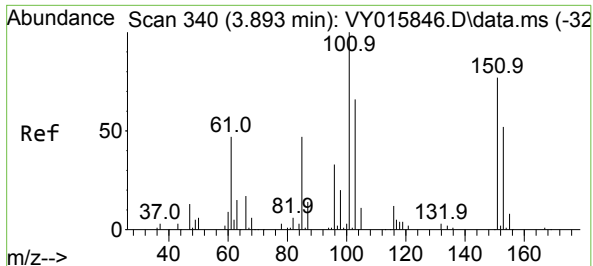
Tgt Ion:101 Resp: 44219
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.745 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY015855.D
 Acq: 06 Oct 2023 12:01

Tgt Ion: 74 Resp: 20252
 Ion Ratio Lower Upper
 74 100
 45 95.2 51.5 154.5

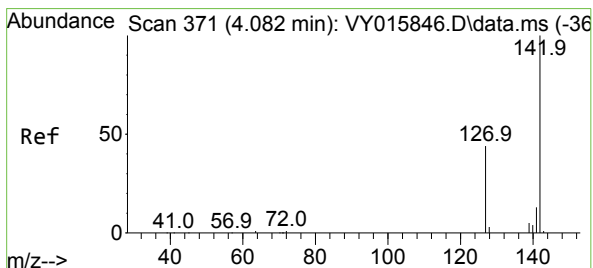
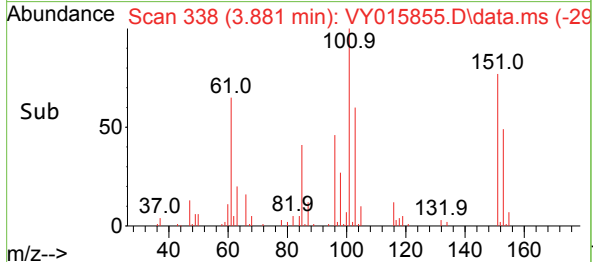
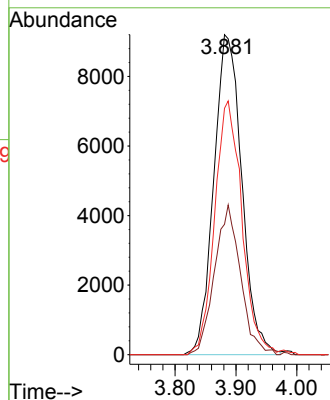
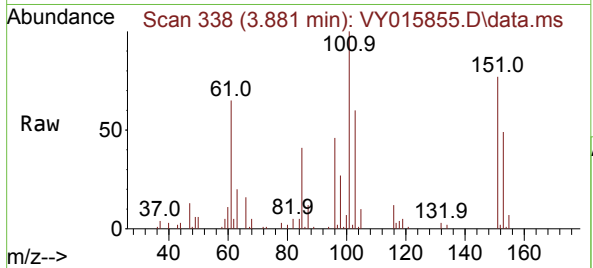




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.181 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015855.D
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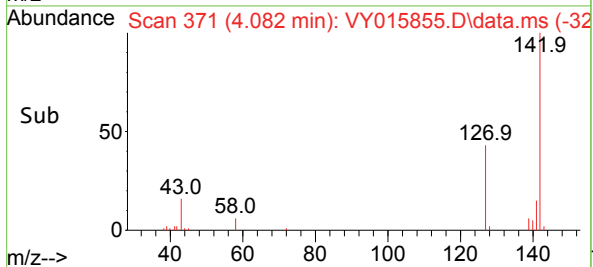
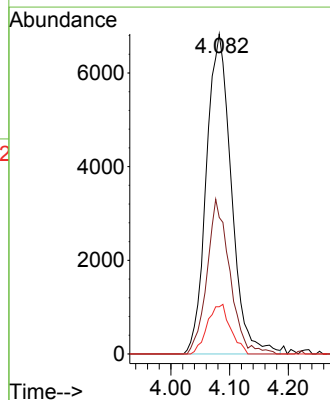
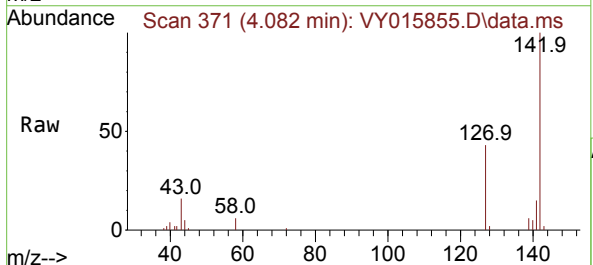
Instrument :
MSVOA_Y
ClientSampleId :

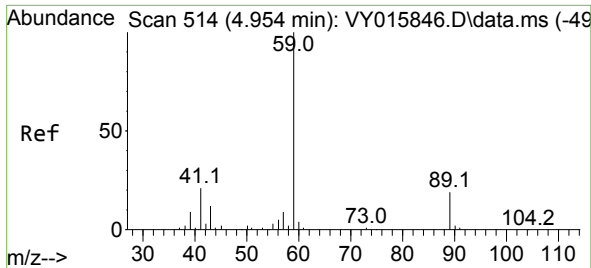
Tgt Ion:101 Resp: 29413
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 77.1 67.0 100.6



#10
Methyl Iodide
Concen: 16.633 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion:142 Resp: 20171
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.4 11.8 17.8

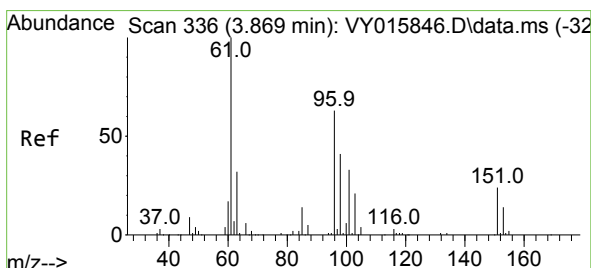
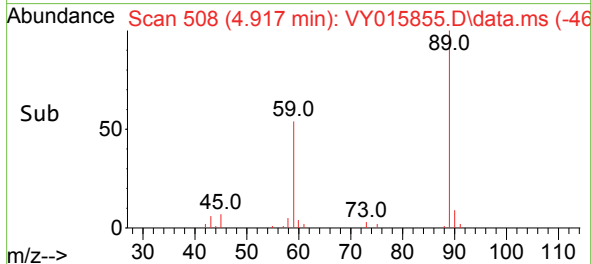
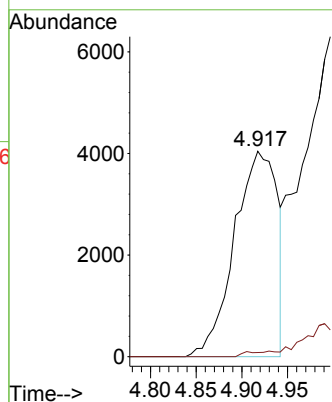
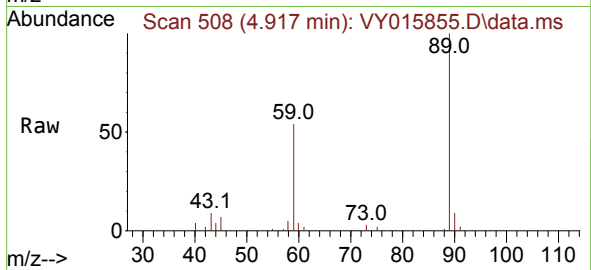




#11
Tert butyl alcohol
Concen: 6.782 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

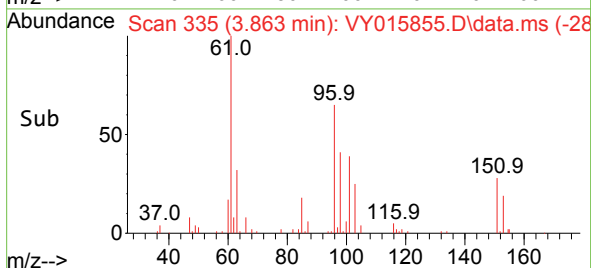
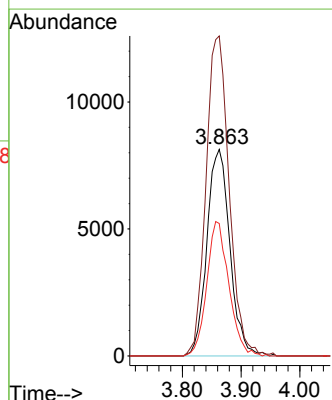
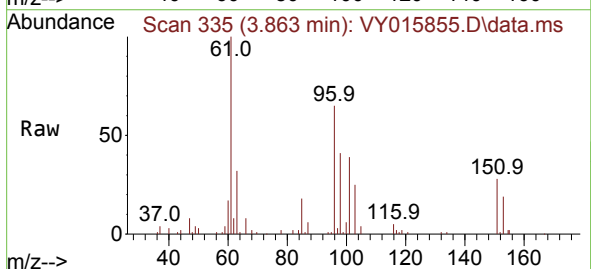
Instrument :
MSVOA_Y
ClientSampleId :

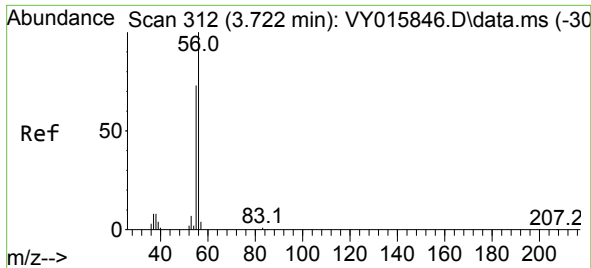
Tgt Ion: 59 Resp: 13182
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.061 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 96 Resp: 22148
Ion Ratio Lower Upper
96 100
61 154.9 136.4 204.6
98 64.1 49.4 74.2

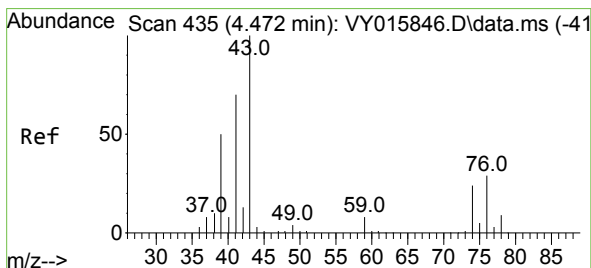
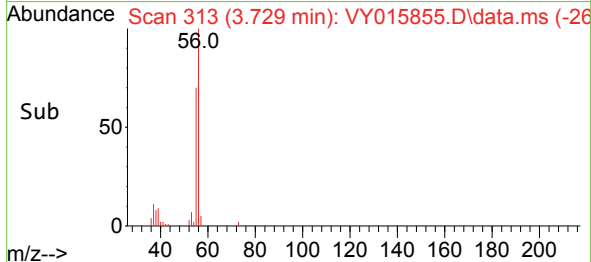
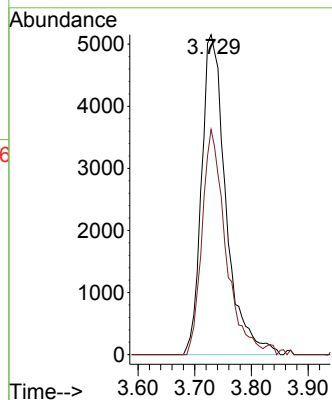
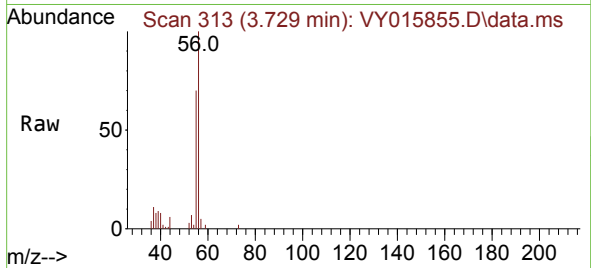




#13
Acrolein
Concen: 107.511 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

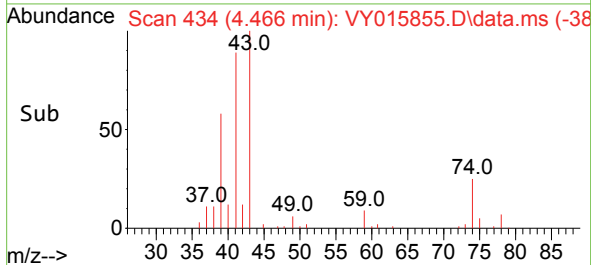
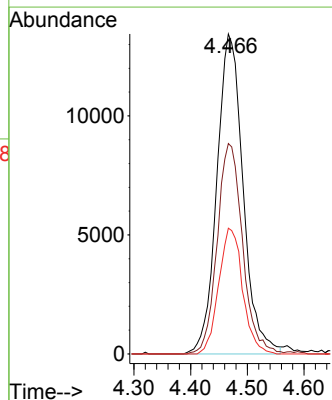
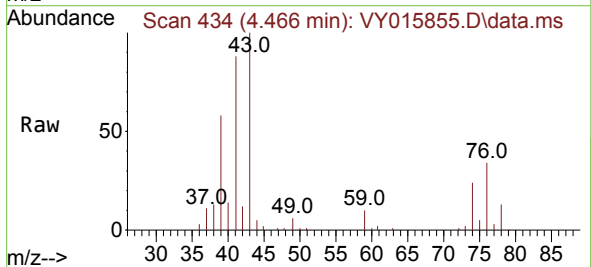
Instrument :
MSVOA_Y
ClientSampleId :

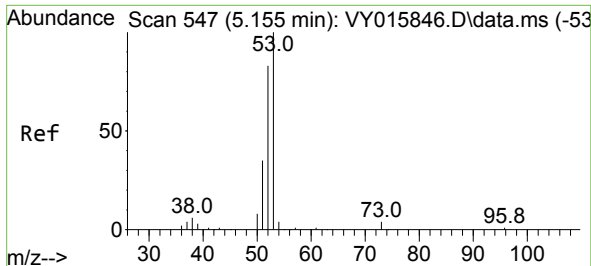
Tgt Ion: 56 Resp: 15372
Ion Ratio Lower Upper
56 100
55 68.0 57.0 85.4



#14
Allyl chloride
Concen: 18.671 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 41 Resp: 43167
Ion Ratio Lower Upper
41 100
39 63.6 58.0 87.0
76 35.8 27.4 41.2





#15

Acrylonitrile

Concen: 108.240 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.012 min

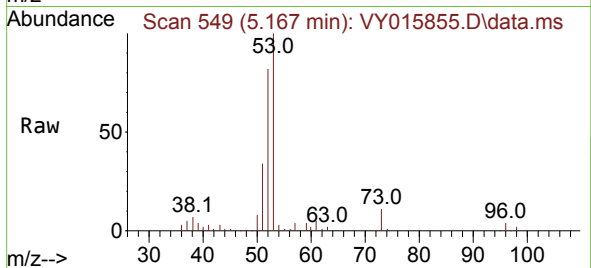
Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :



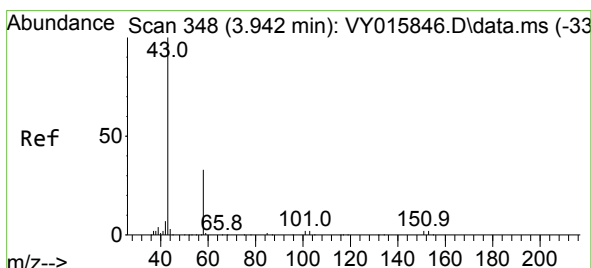
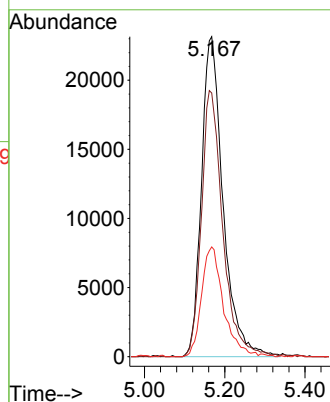
Tgt Ion: 53 Resp: 86602

Ion Ratio Lower Upper

53 100

52 82.0 66.9 100.3

51 34.8 29.8 44.6



#16

Acetone

Concen: 117.925 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.025 min

Lab File: VY015855.D

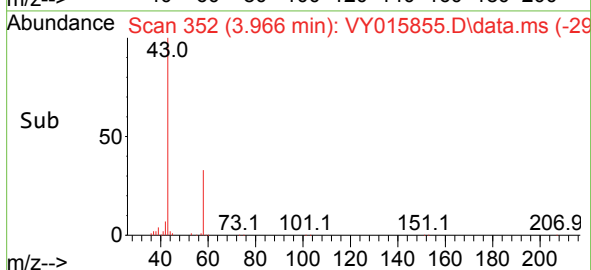
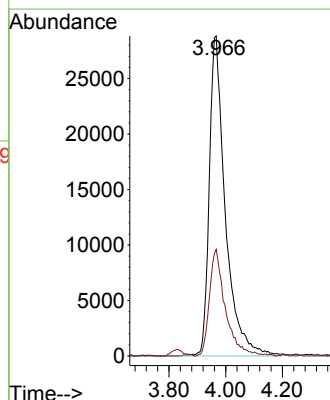
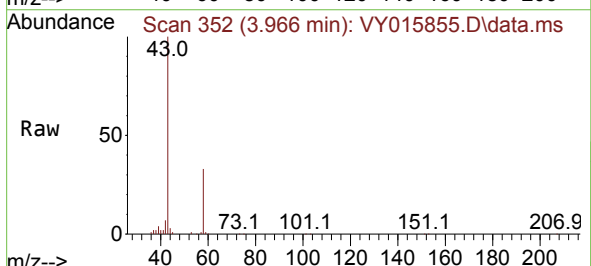
Acq: 06 Oct 2023 12:01

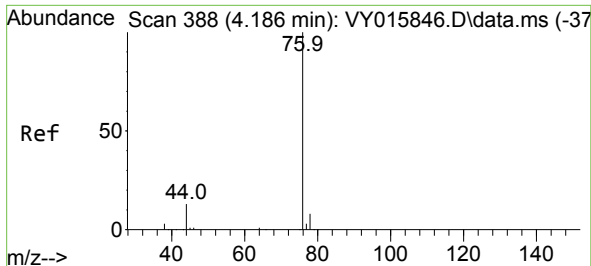
Tgt Ion: 43 Resp: 113229

Ion Ratio Lower Upper

43 100

58 33.3 22.7 34.1





#17

Carbon Disulfide

Concen: 15.453 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

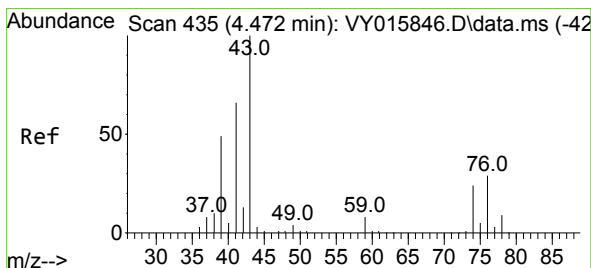
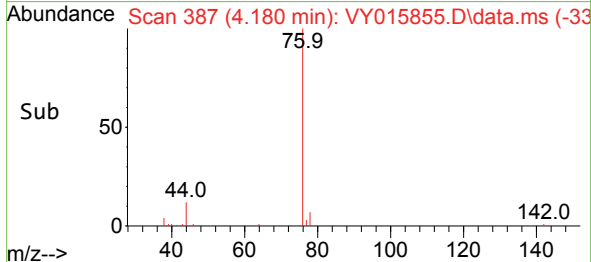
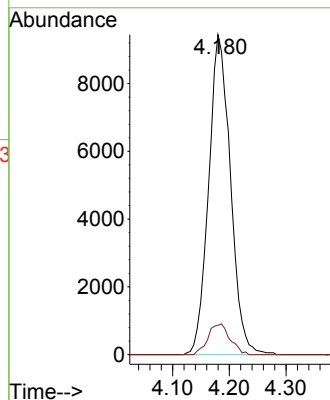
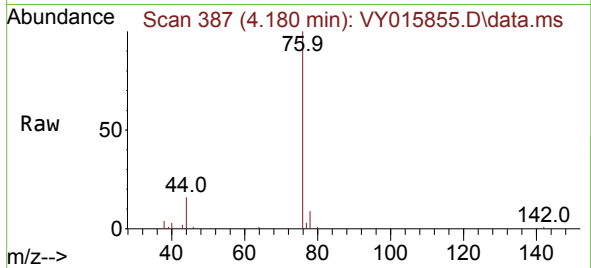
ClientSampleId :

Tgt Ion: 76 Resp: 25249

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 21.091 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015855.D

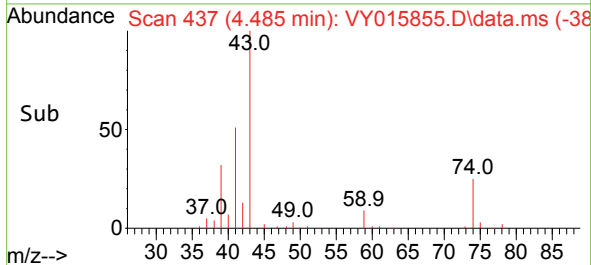
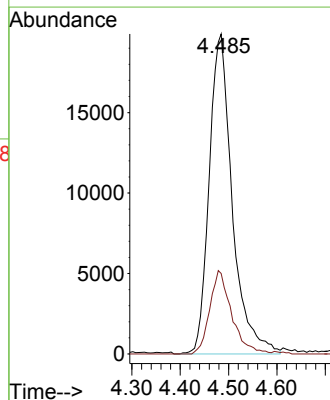
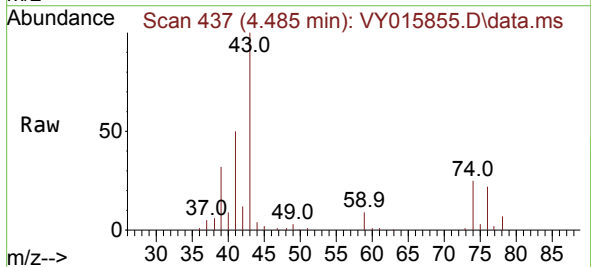
Acq: 06 Oct 2023 12:01

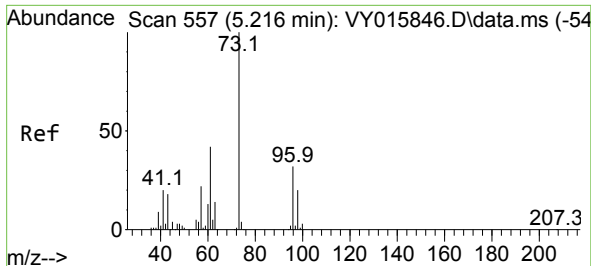
Tgt Ion: 43 Resp: 65908

Ion Ratio Lower Upper

43 100

74 24.7 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.071 ug/l

RT: 5.222 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

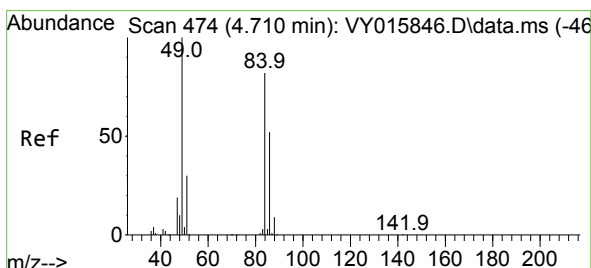
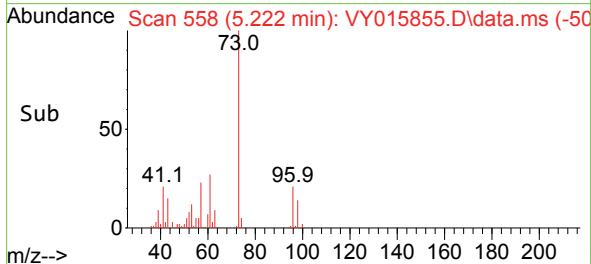
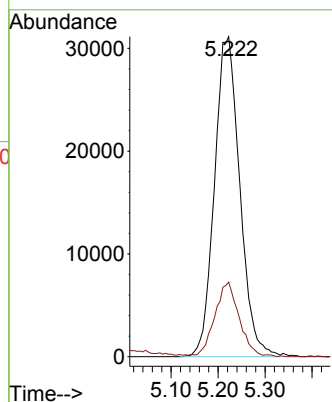
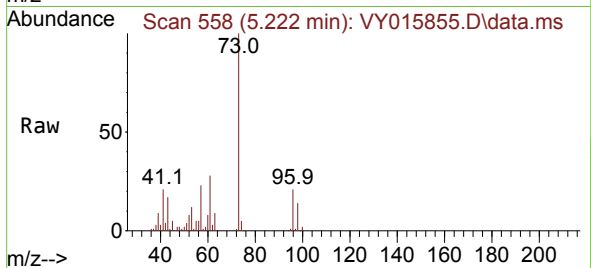
ClientSampleId :

Tgt Ion: 73 Resp: 116336

Ion Ratio Lower Upper

73 100

57 23.0 17.3 25.9



#20

Methylene Chloride

Concen: 21.621 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Tgt Ion: 84 Resp: 52203

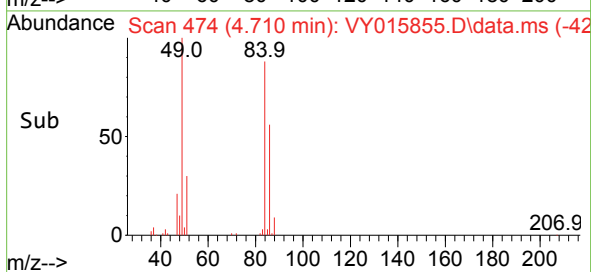
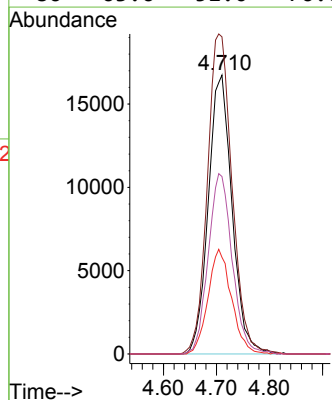
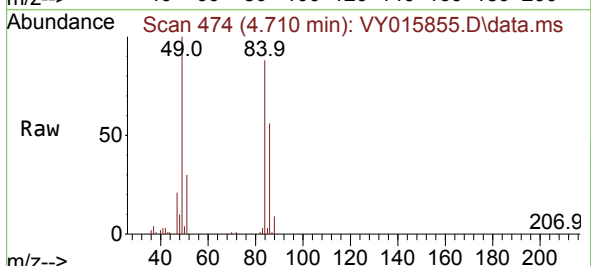
Ion Ratio Lower Upper

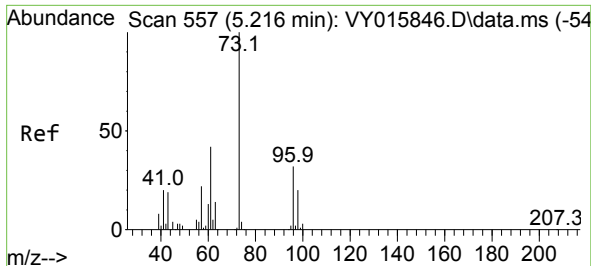
84 100

49 113.7 106.9 160.3

51 34.6 33.2 49.8

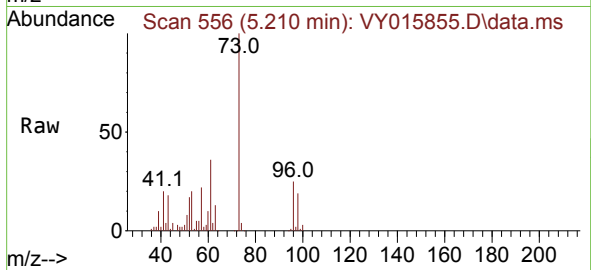
86 63.6 51.0 76.6



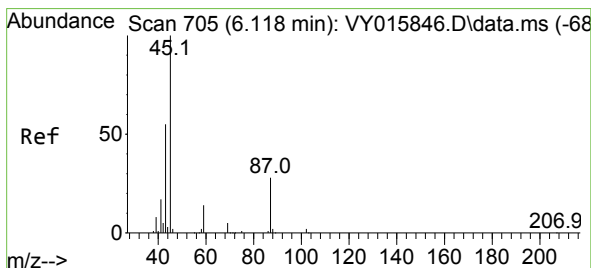
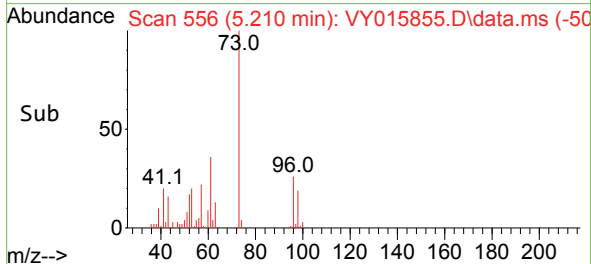
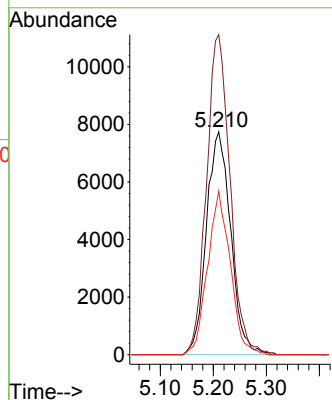


#21
trans-1,2-Dichloroethene
Concen: 17.465 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Instrument :
MSVOA_Y
ClientSampleId :

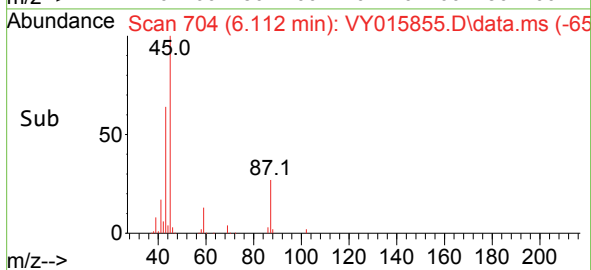
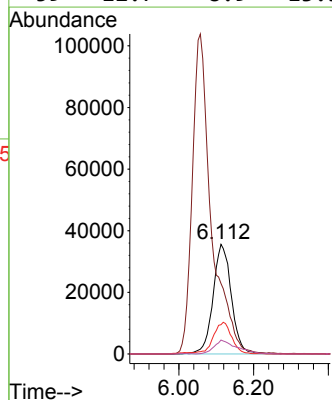
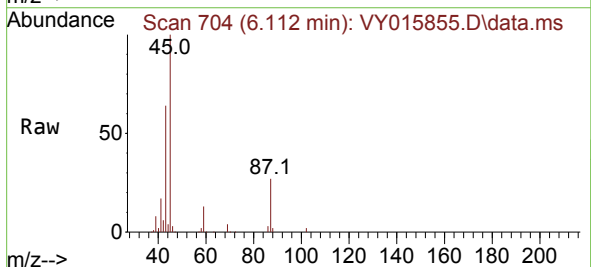


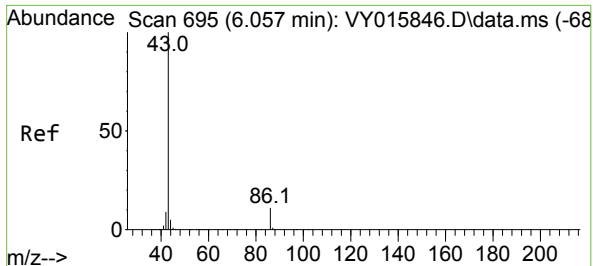
Tgt Ion: 96 Resp: 24671
Ion Ratio Lower Upper
96 100
61 143.5 110.2 165.4
98 73.4 51.8 77.6



#22
Diisopropyl ether
Concen: 20.095 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 45 Resp: 120638
Ion Ratio Lower Upper
45 100
43 63.5 52.2 78.4
87 26.7 21.0 31.6
59 12.7 8.9 13.3

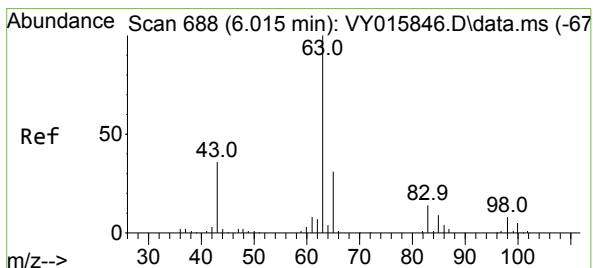
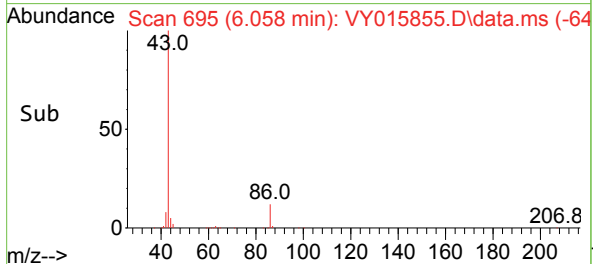
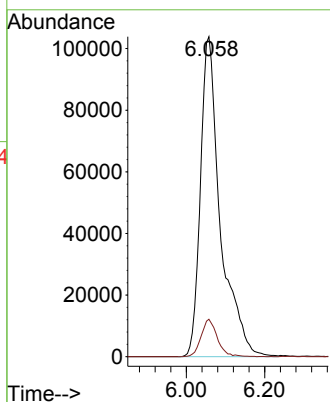
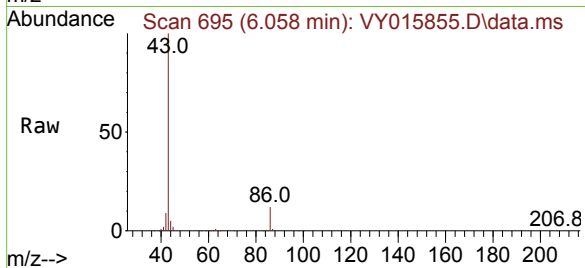




#23
 Vinyl Acetate
 Concen: 100.979 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY015855.D
 Acq: 06 Oct 2023 12:01

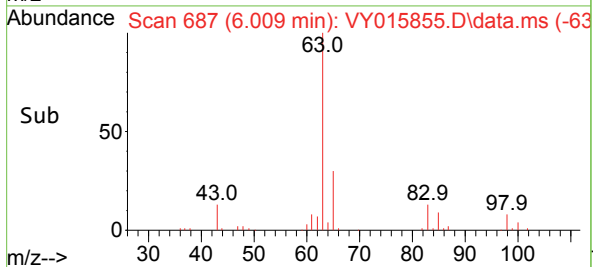
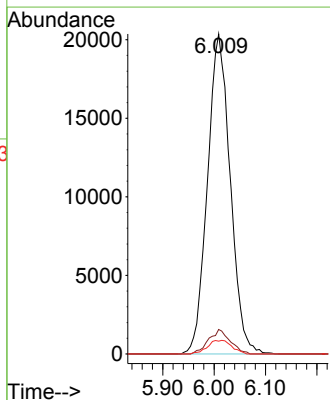
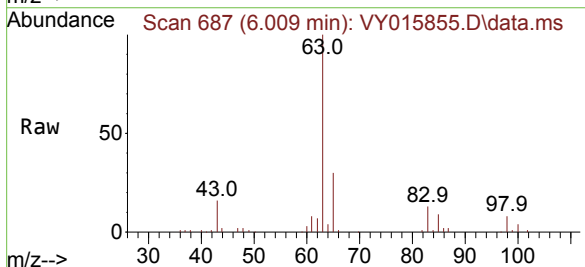
Instrument :
 MSVOA_Y
 ClientSampleId :

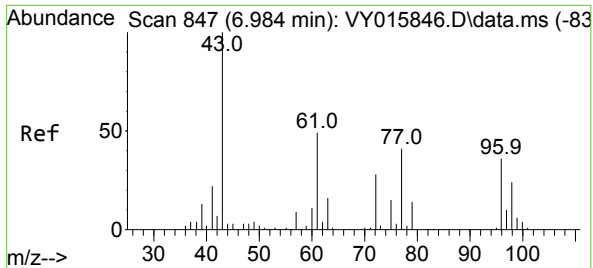
Tgt Ion: 43 Resp: 366930
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.652 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY015855.D
 Acq: 06 Oct 2023 12:01

Tgt Ion: 63 Resp: 62651
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 111.945 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

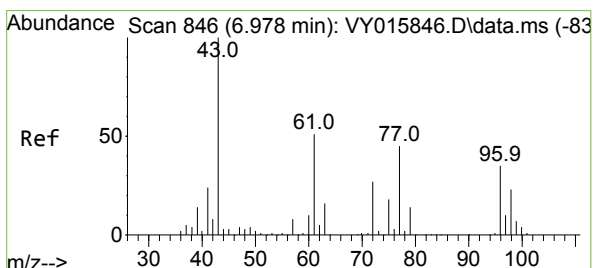
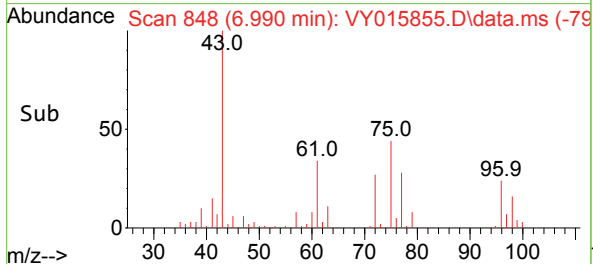
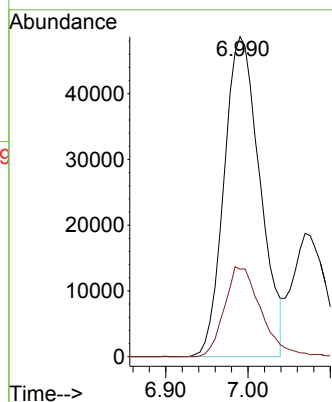
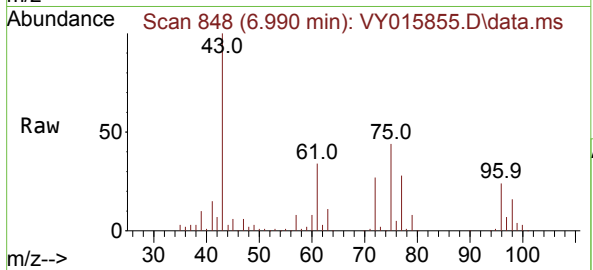
ClientSampleId :

Tgt Ion: 43 Resp: 147854

Ion Ratio Lower Upper

43 100

72 27.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.013 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015855.D

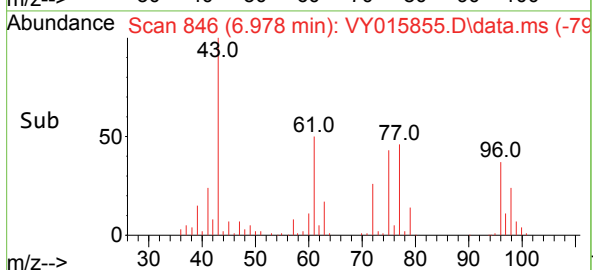
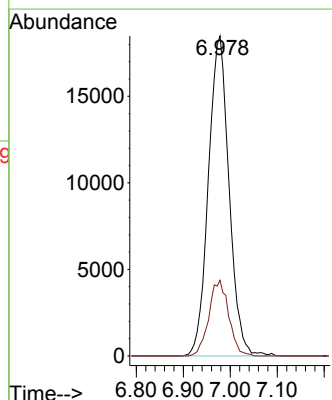
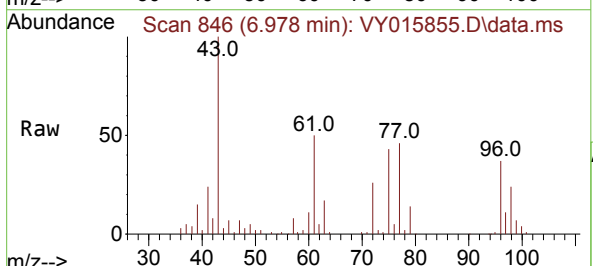
Acq: 06 Oct 2023 12:01

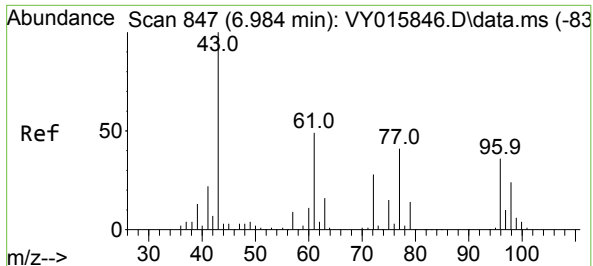
Tgt Ion: 77 Resp: 56328

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.797 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

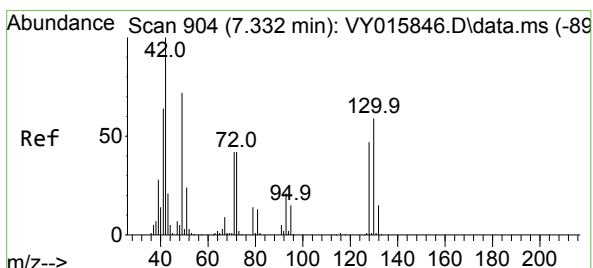
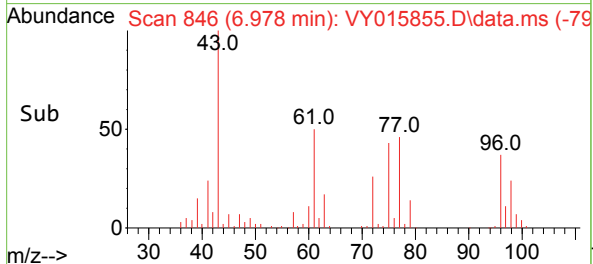
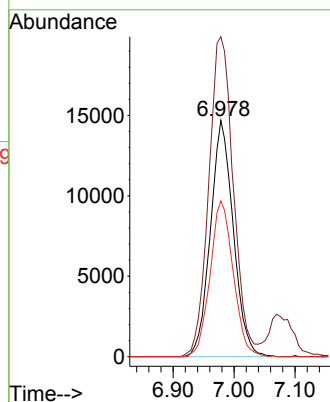
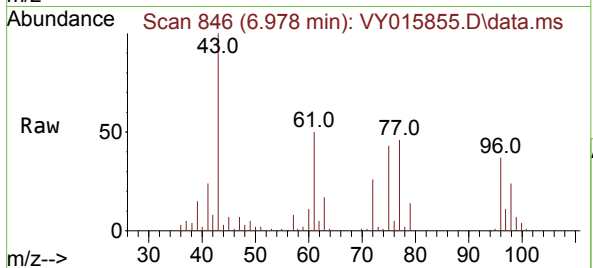
Tgt Ion: 96 Resp: 38383

Ion Ratio Lower Upper

96 100

61 145.3 0.0 301.4

98 66.5 0.0 130.4



#28

Bromochloromethane

Concen: 19.708 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

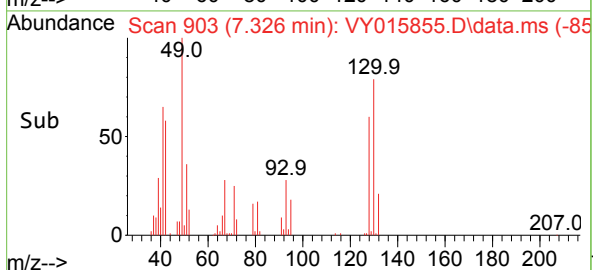
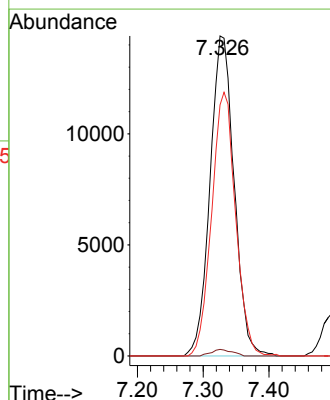
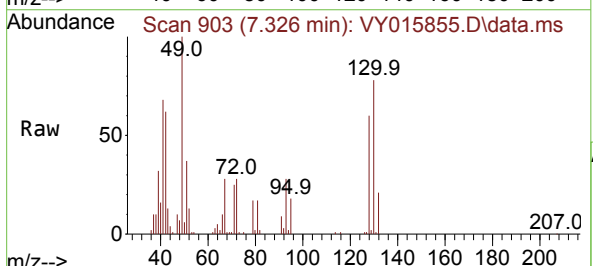
Tgt Ion: 49 Resp: 36743

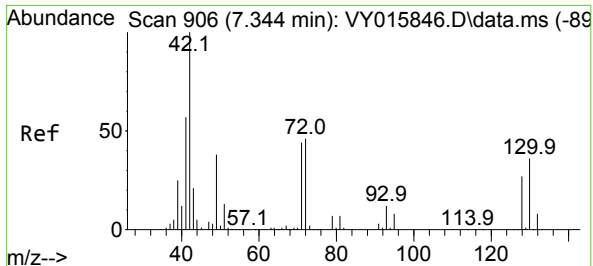
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 81.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 109.338 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

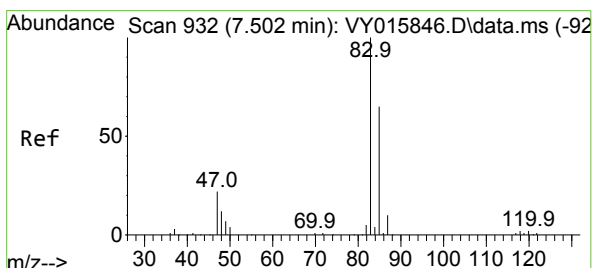
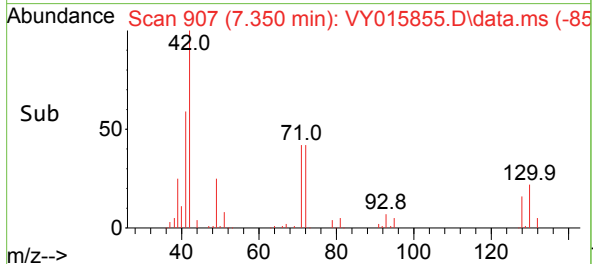
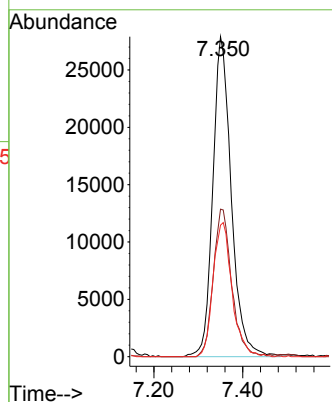
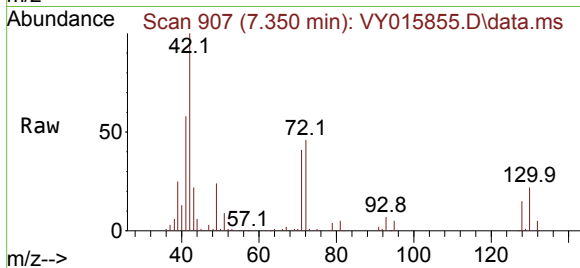
Tgt Ion: 42 Resp: 80579

Ion Ratio Lower Upper

42 100

72 45.8 32.8 49.2

71 42.8 31.0 46.4



#30

Chloroform

Concen: 20.158 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015855.D

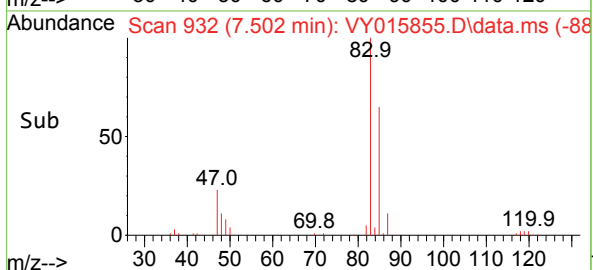
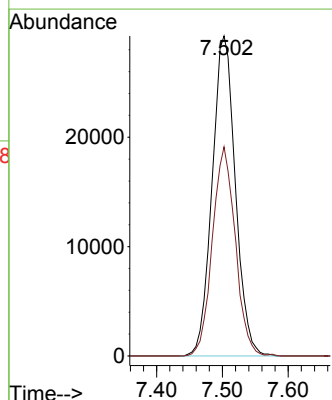
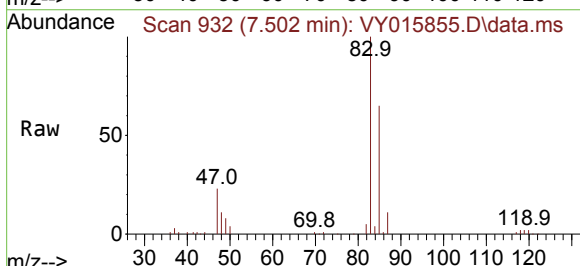
Acq: 06 Oct 2023 12:01

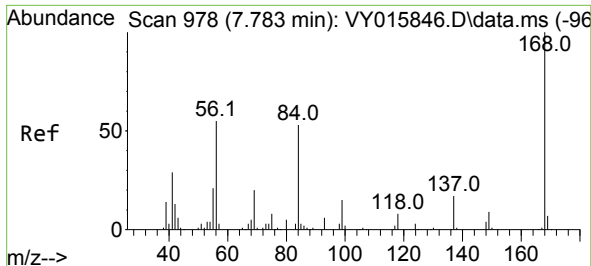
Tgt Ion: 83 Resp: 71891

Ion Ratio Lower Upper

83 100

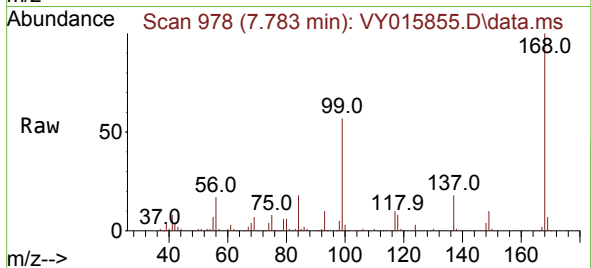
85 65.3 49.7 74.5



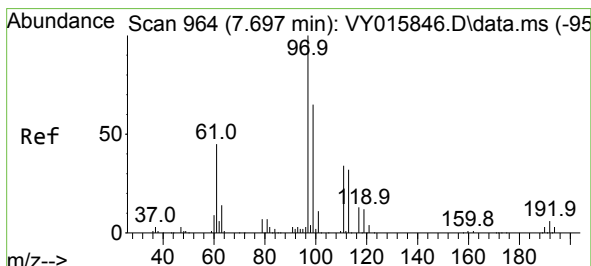
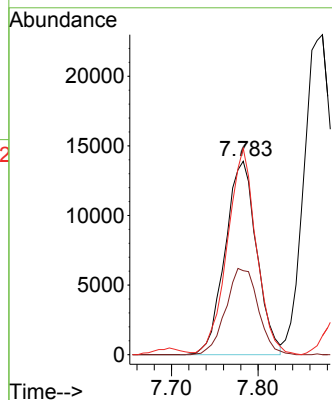
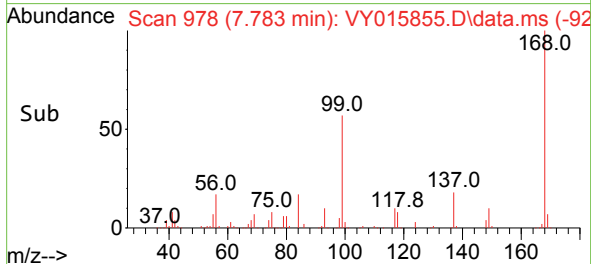


#31
Cyclohexane
Concen: 16.842 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Instrument :
MSVOA_Y
ClientSampleId :

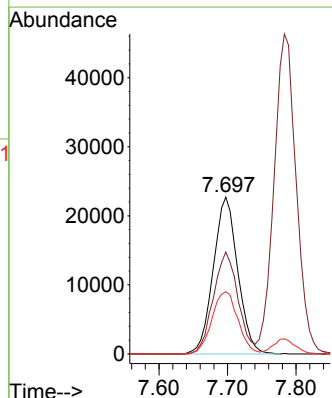
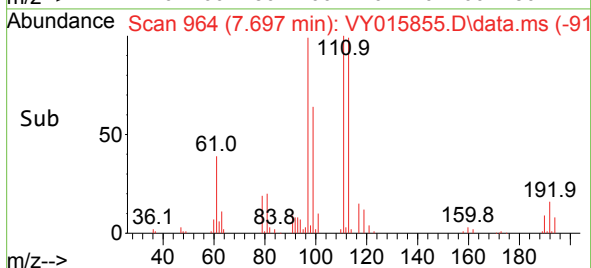
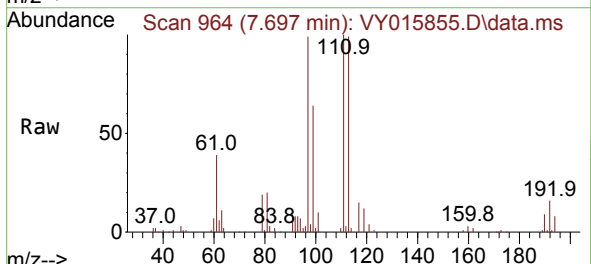


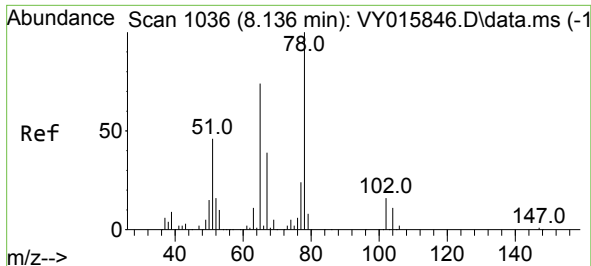
Tgt Ion: 56 Resp: 35184
Ion Ratio Lower Upper
56 100
69 43.4 27.8 41.6#
84 104.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 19.286 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 97 Resp: 56229
Ion Ratio Lower Upper
97 100
99 65.9 50.8 76.2
61 42.3 35.1 52.7

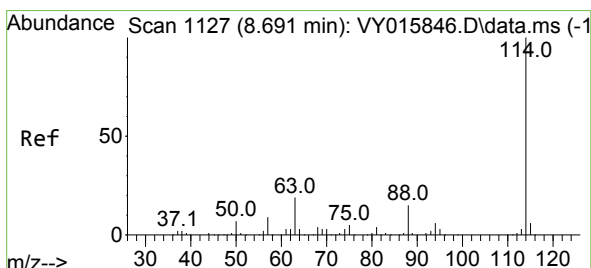
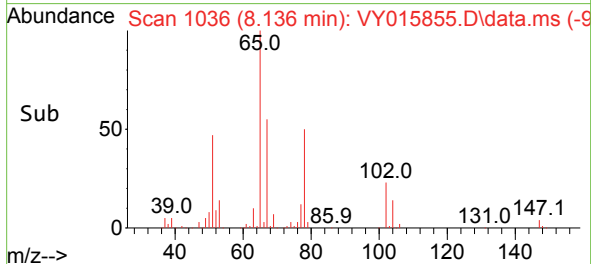
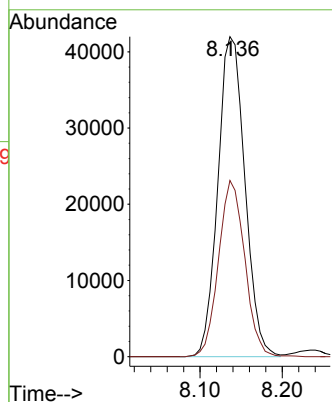
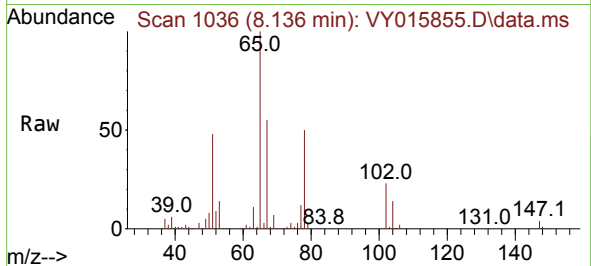




#33
 1,2-Dichloroethane-d4
 Concen: 51.780 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015855.D
 Acq: 06 Oct 2023 12:01

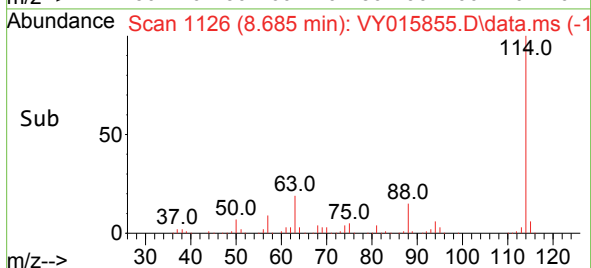
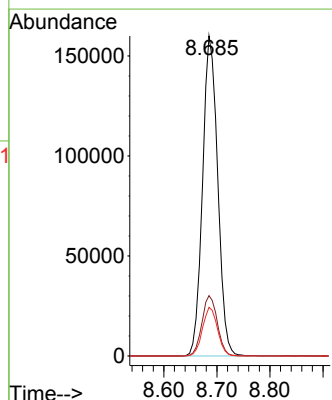
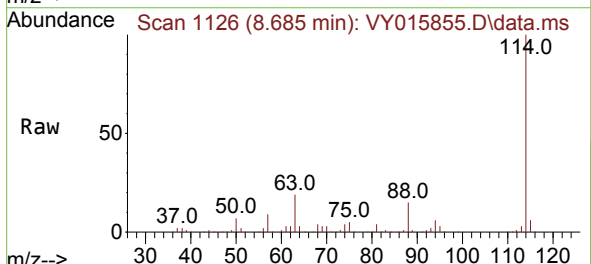
Instrument :
 MSVOA_Y
 ClientSampleId :

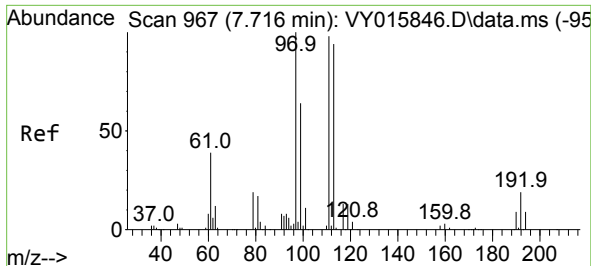
Tgt Ion: 65 Resp: 95965
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY015855.D
 Acq: 06 Oct 2023 12:01

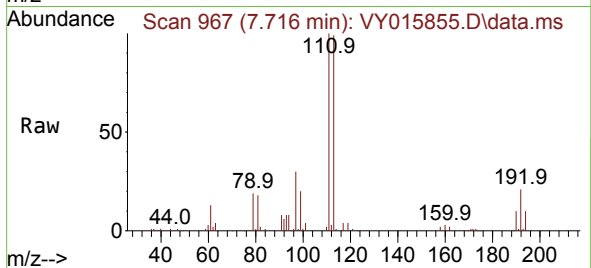
Tgt Ion: 114 Resp: 317421
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.2 0.0 30.6



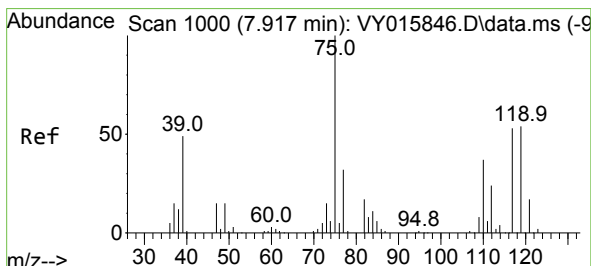
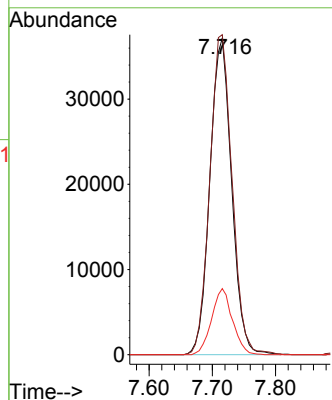
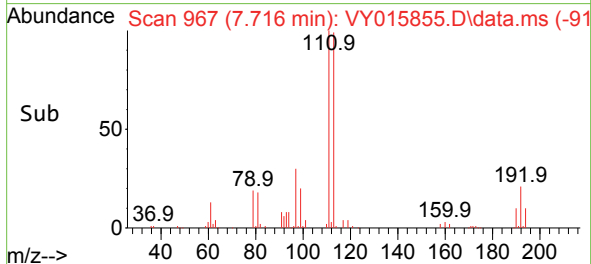


#35
Dibromofluoromethane
Concen: 48.948 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

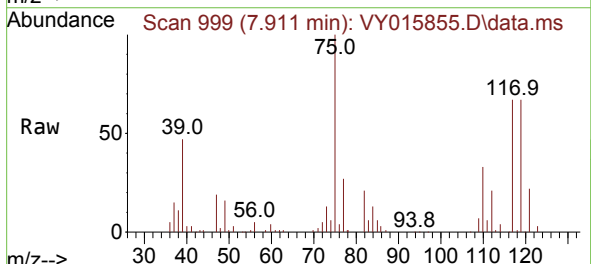
Instrument :
MSVOA_Y
ClientSampleId :



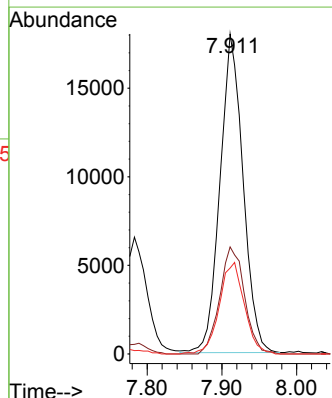
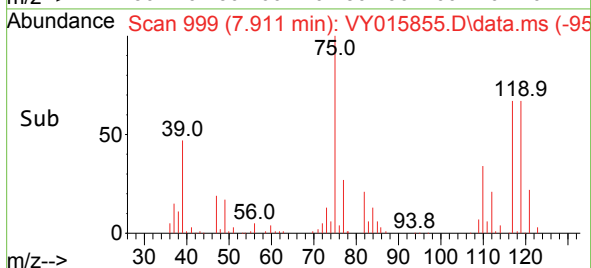
Tgt Ion:113 Resp: 88562
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.0 16.9 25.3

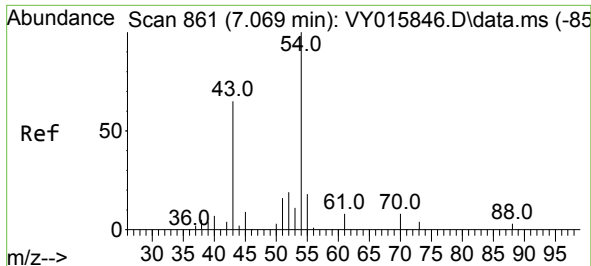


#36
1,1-Dichloropropene
Concen: 17.876 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01



Tgt Ion: 75 Resp: 38586
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 21.893 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY015855.D

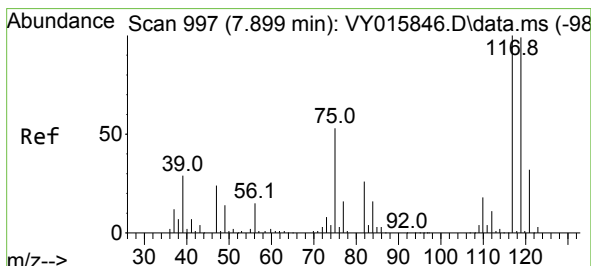
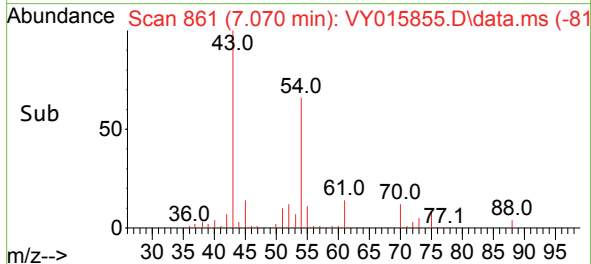
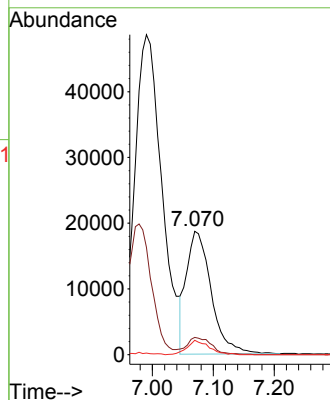
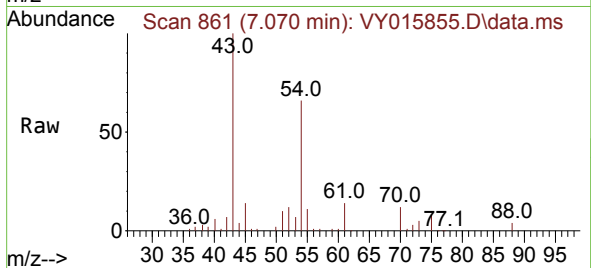
Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	52885
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	10.2	7.1	10.7



#38

Carbon Tetrachloride

Concen: 18.580 ug/l

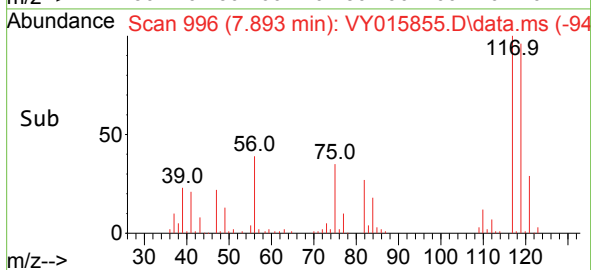
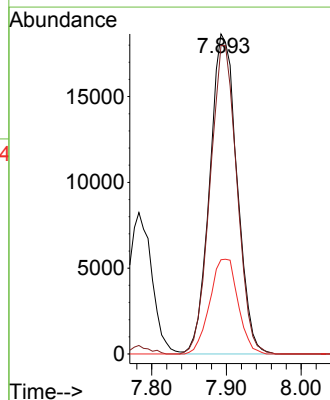
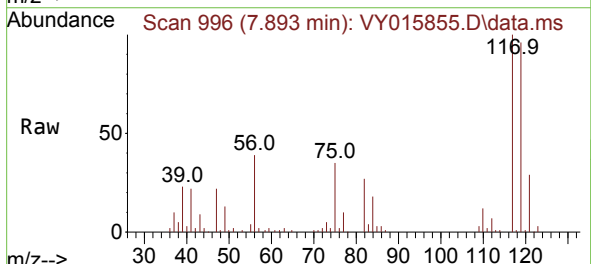
RT: 7.893 min Scan# 996

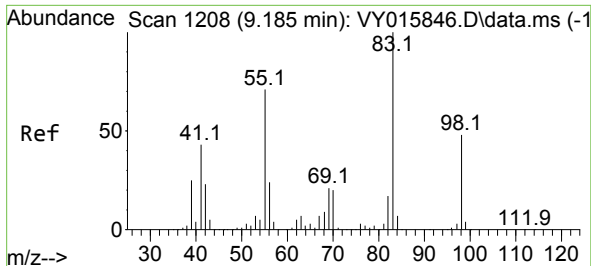
Delta R.T. -0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Tgt Ion:	117	Resp:	47158
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.4	114.6
121	29.5	25.8	38.6





#39

Methylcyclohexane

Concen: 16.533 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

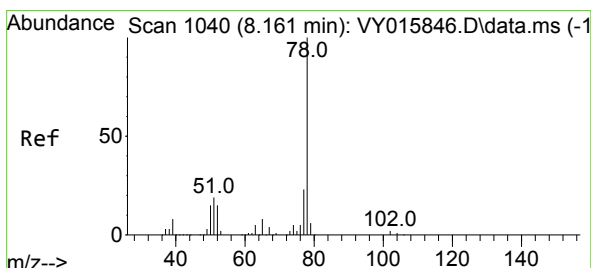
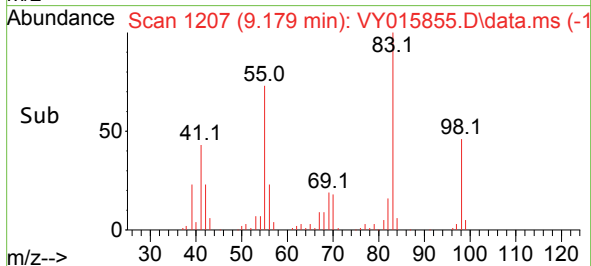
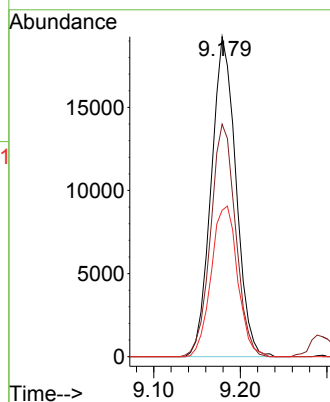
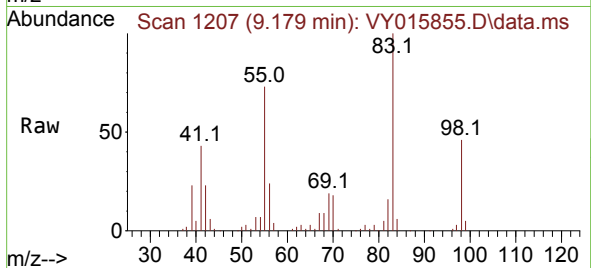
Tgt Ion: 83 Resp: 38167

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 45.8 37.4 56.2



#40

Benzene

Concen: 18.718 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY015855.D

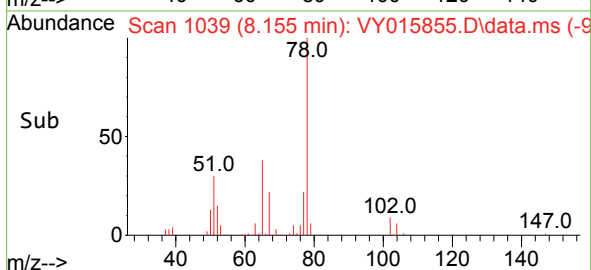
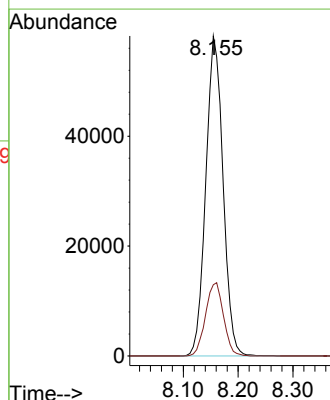
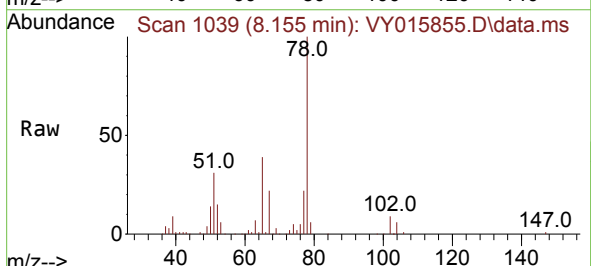
Acq: 06 Oct 2023 12:01

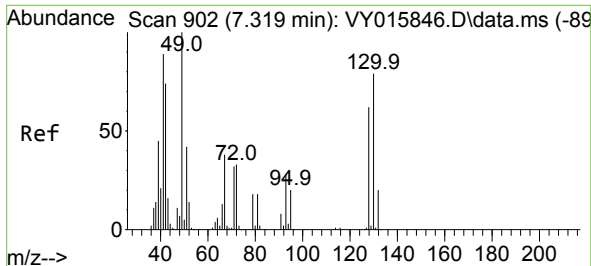
Tgt Ion: 78 Resp: 126783

Ion Ratio Lower Upper

78 100

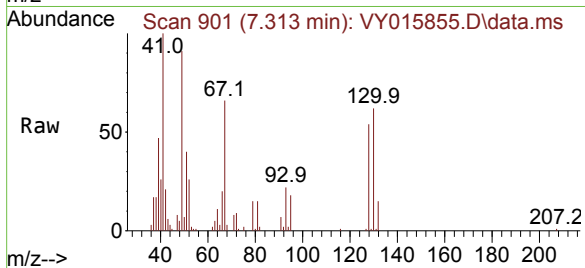
77 22.3 19.0 28.6



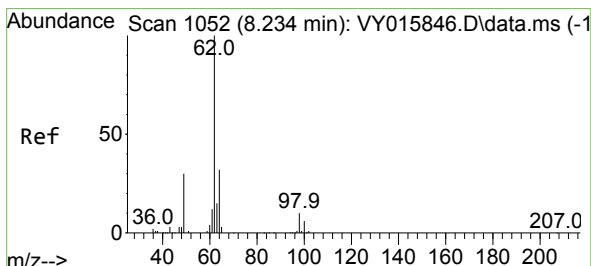
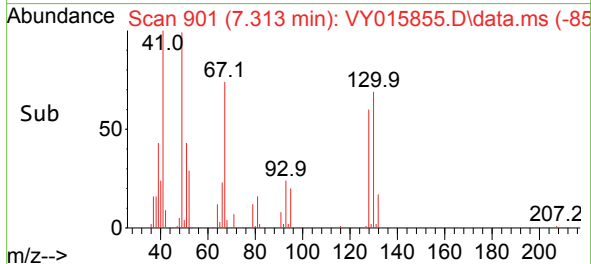
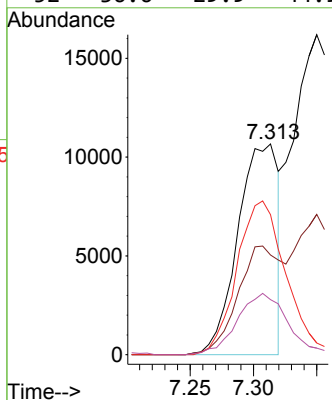


#41
Methacrylonitrile
Concen: 20.561 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Instrument :
MSVOA_Y
ClientSampleId :

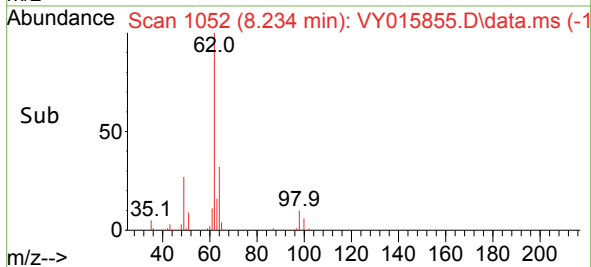
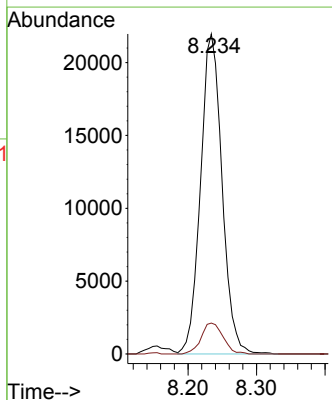
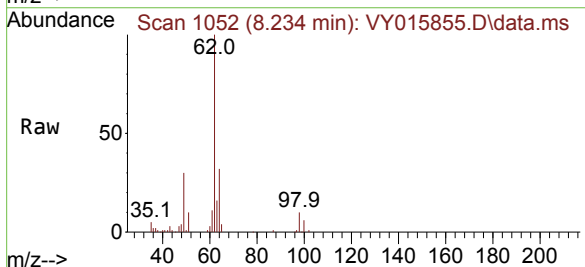


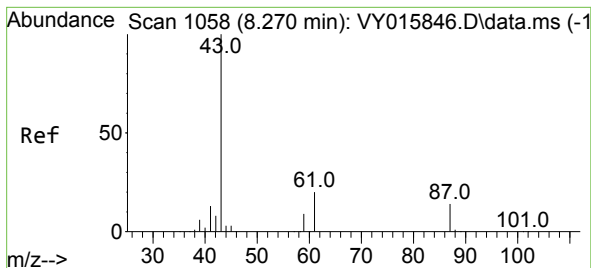
Tgt Ion:	41	Resp:	23777
Ion	Ratio	Lower	Upper
41	100		
39	57.7	52.1	78.1
67	88.7	66.2	99.2
52	36.6	29.9	44.9



#42
1,2-Dichloroethane
Concen: 19.703 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion:	62	Resp:	48052
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.398 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

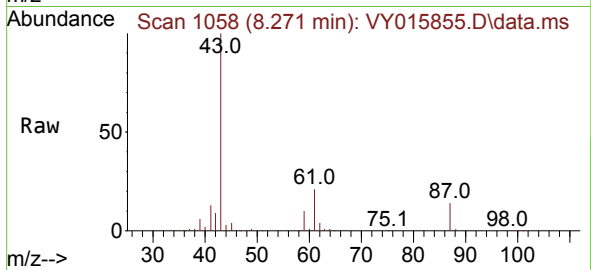
Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :



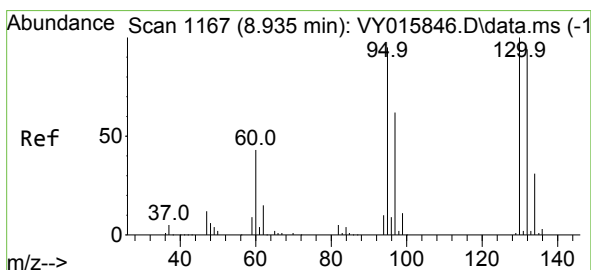
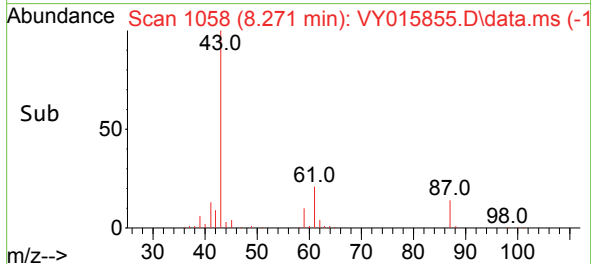
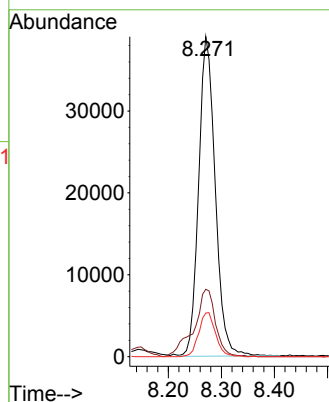
Tgt Ion: 43 Resp: 84807

Ion Ratio Lower Upper

43 100

61 27.5 21.1 31.7

87 14.0 9.8 14.8



#44

Trichloroethene

Concen: 19.559 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY015855.D

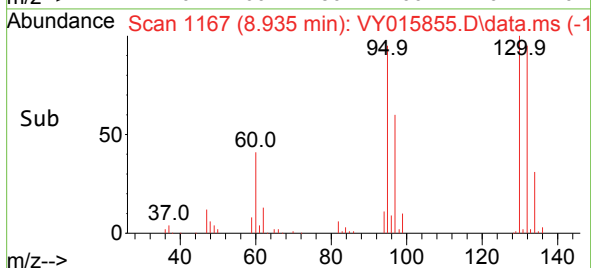
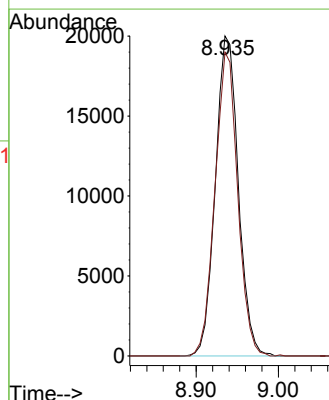
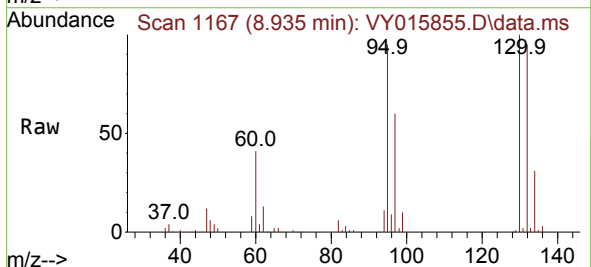
Acq: 06 Oct 2023 12:01

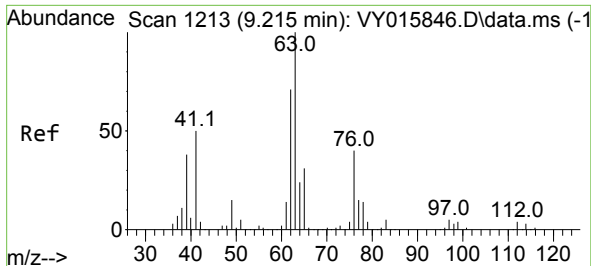
Tgt Ion:130 Resp: 38771

Ion Ratio Lower Upper

130 100

95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.425 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

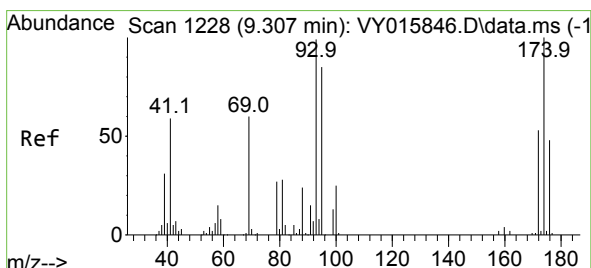
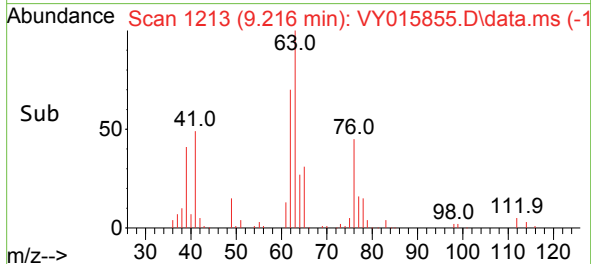
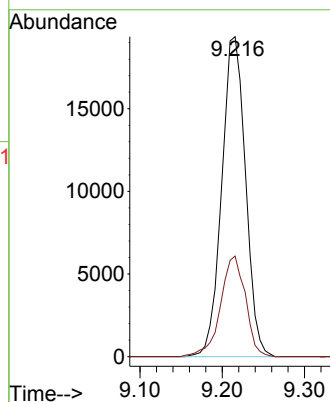
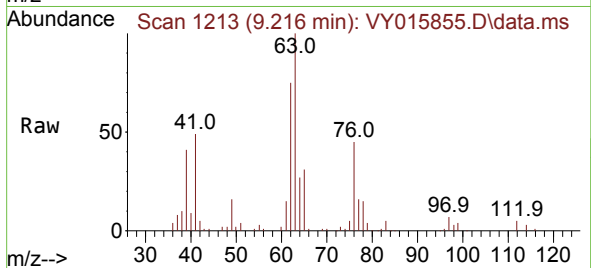
ClientSampleId :

Tgt Ion: 63 Resp: 38917

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 19.937 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

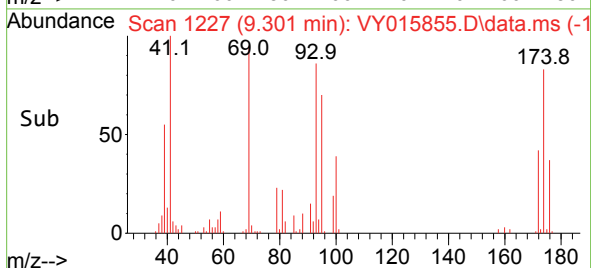
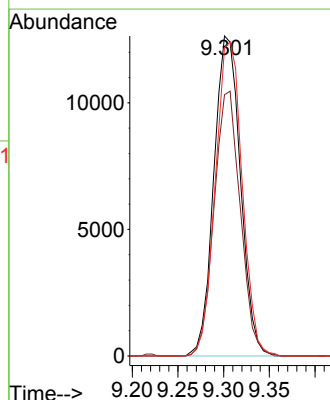
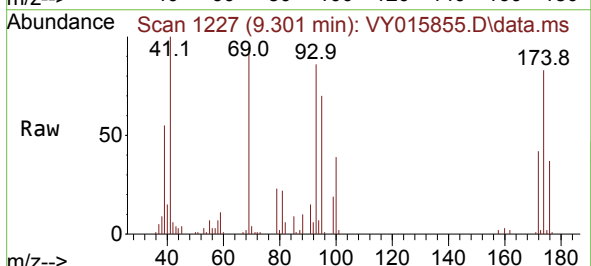
Tgt Ion: 93 Resp: 25536

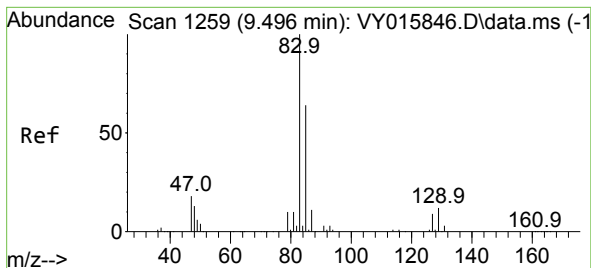
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 99.2 84.8 127.2





#47

Bromodichloromethane

Concen: 19.553 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015855.D

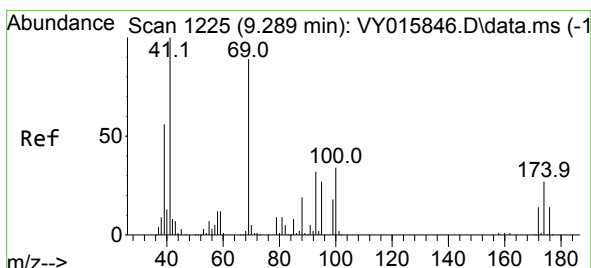
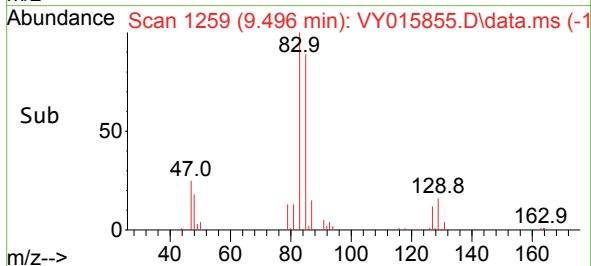
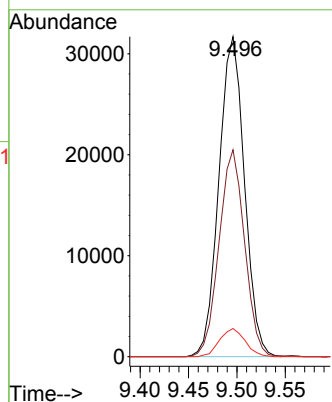
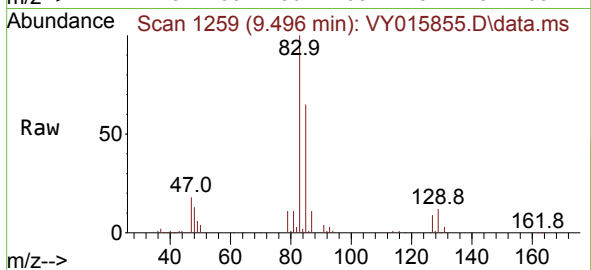
Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	58132
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.1	75.1
127	8.8	7.1	10.7



#48

Methyl methacrylate

Concen: 19.888 ug/l

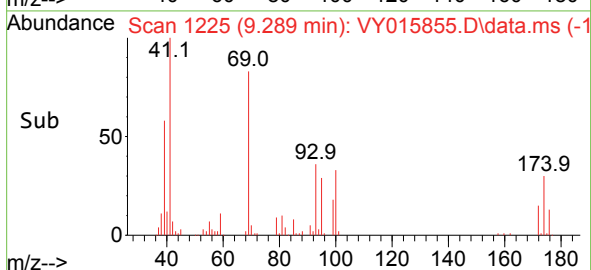
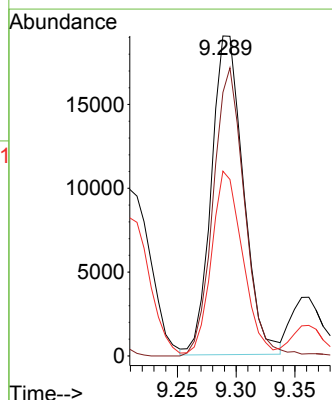
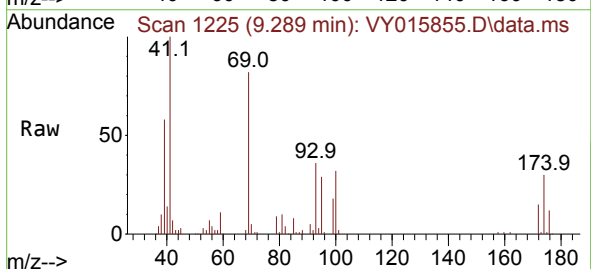
RT: 9.289 min Scan# 1225

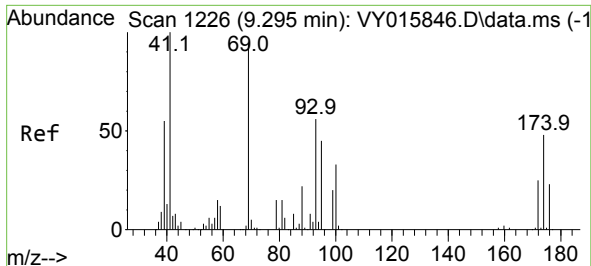
Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Tgt Ion:	41	Resp:	36115
Ion Ratio	Lower	Upper	
41	100		
69	88.7	64.5	96.7
39	56.1	50.8	76.2





#49

1,4-Dioxane

Concen: 480.985 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.024 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

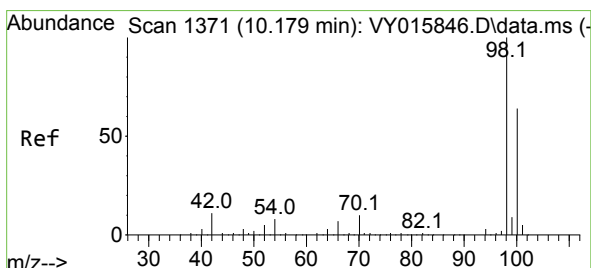
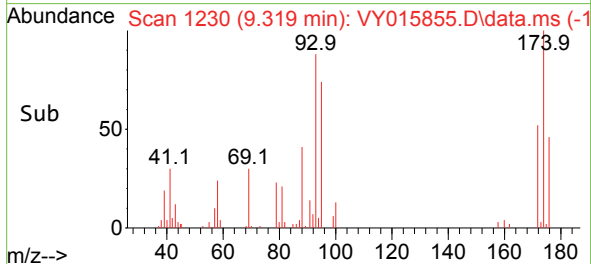
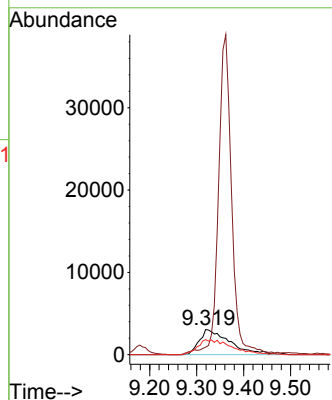
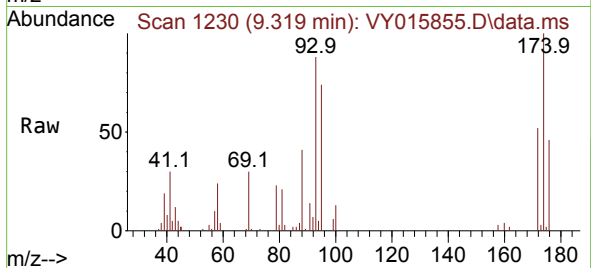
Tgt Ion: 88 Resp: 13800

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 65.7 30.9 46.3#



#50

Toluene-d8

Concen: 51.488 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015855.D

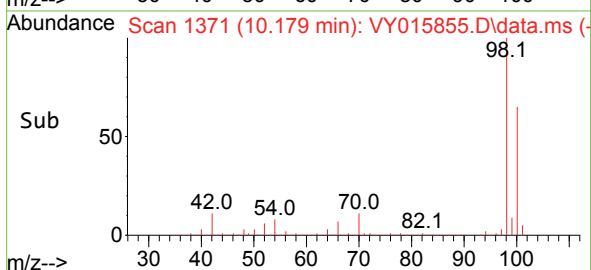
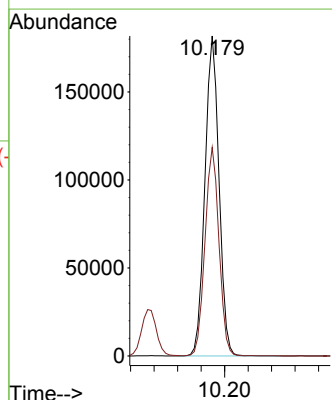
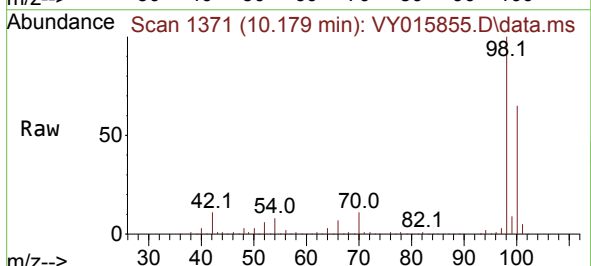
Acq: 06 Oct 2023 12:01

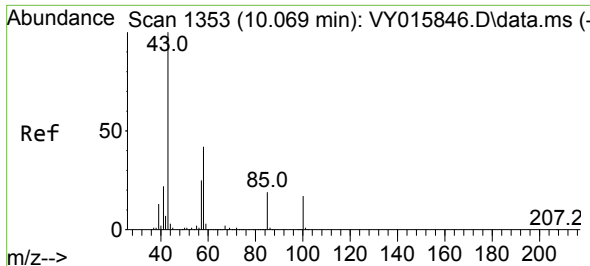
Tgt Ion: 98 Resp: 302460

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

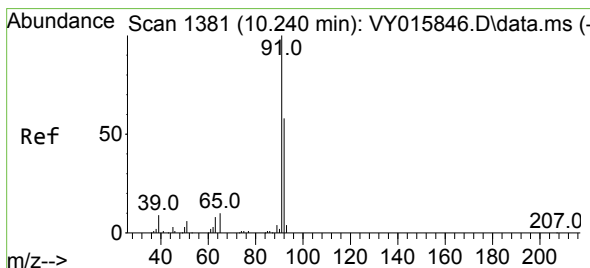
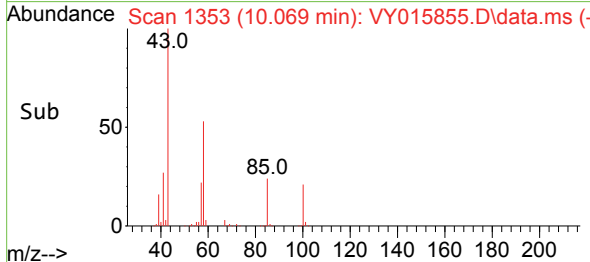
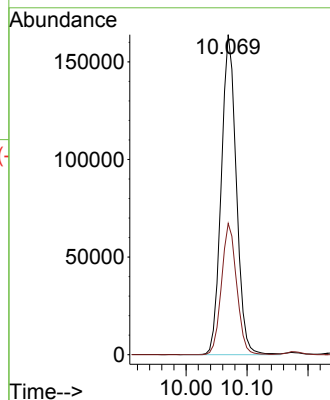
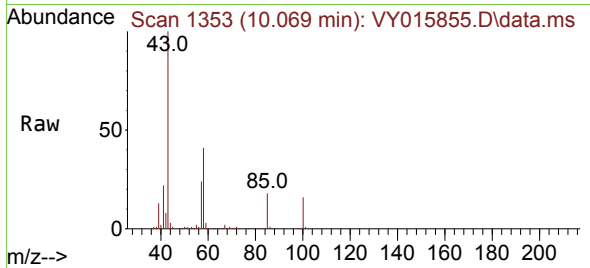




#51
4-Methyl-2-Pentanone
Concen: 108.443 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

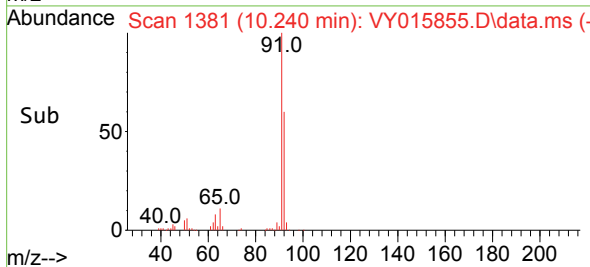
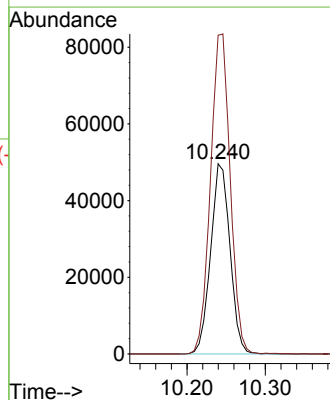
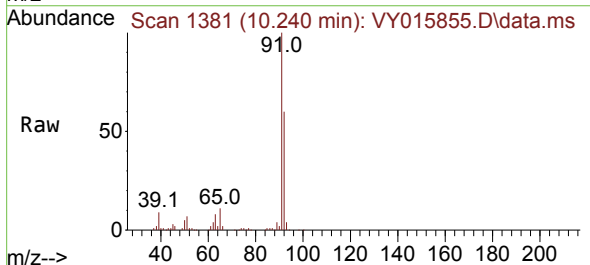
Instrument :
MSVOA_Y
ClientSampleId :

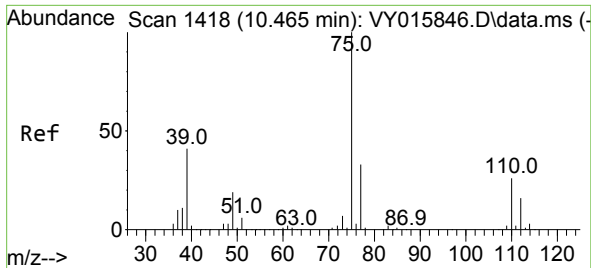
Tgt Ion: 43 Resp: 282056
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 19.195 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 92 Resp: 85066
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6

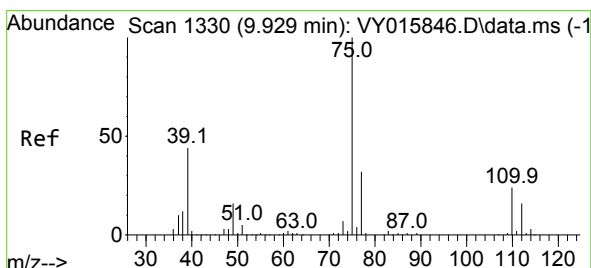
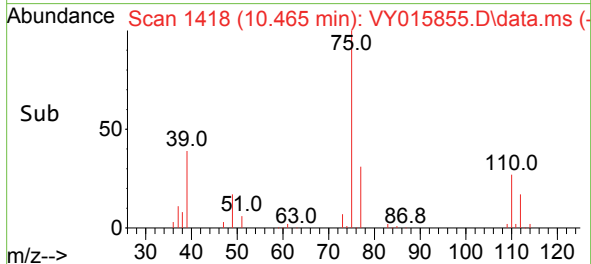
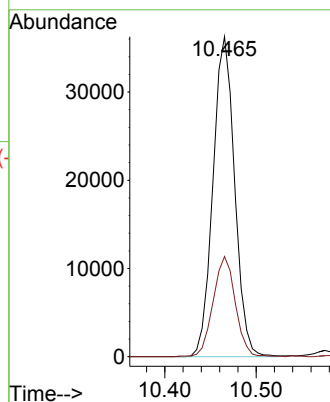
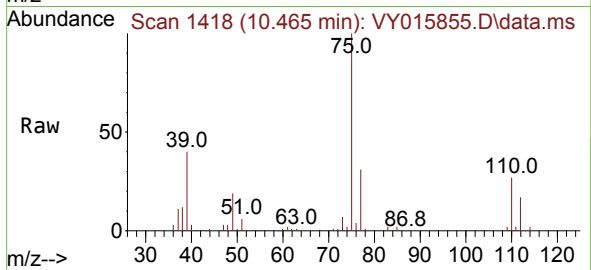




#53
t-1,3-Dichloropropene
Concen: 19.137 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

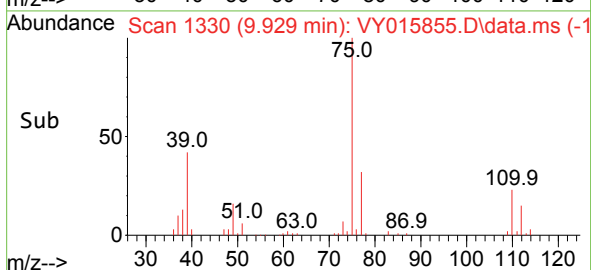
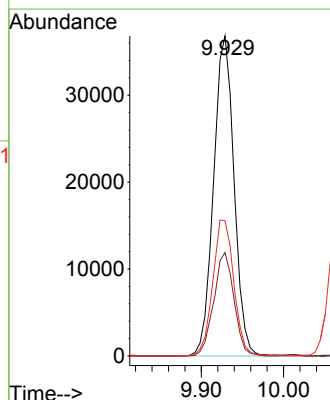
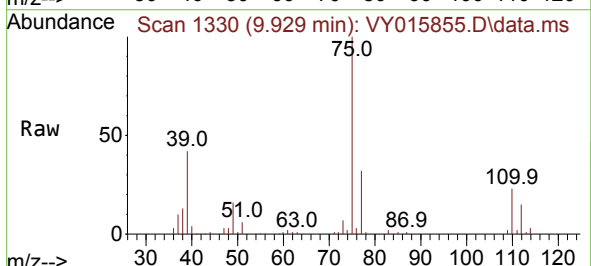
Instrument :
MSVOA_Y
ClientSampleId :

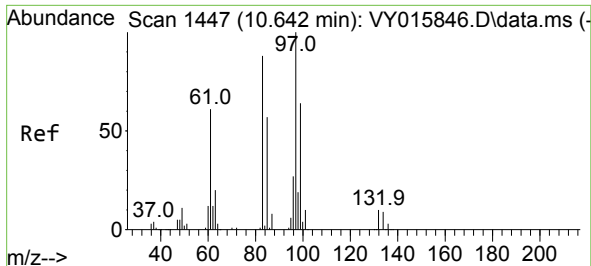
Tgt Ion: 75 Resp: 59700
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.225 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 75 Resp: 63669
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 42.2 42.2 63.4#

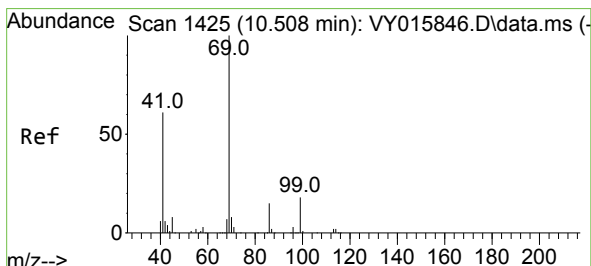
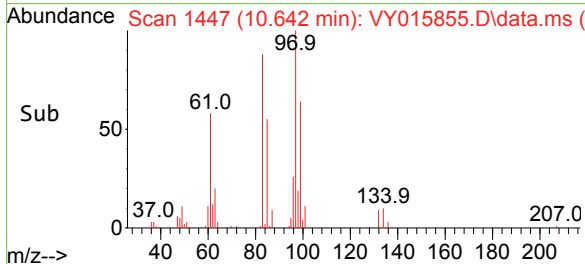
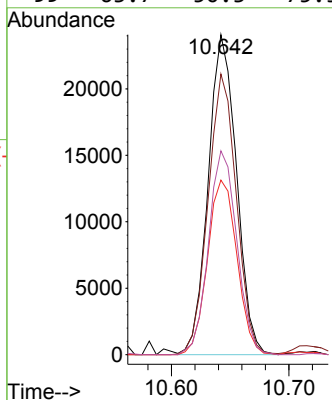
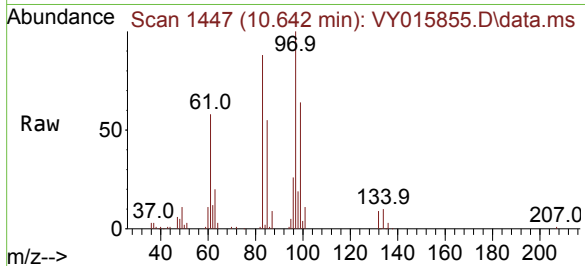




#55
1,1,2-Trichloroethane
Concen: 20.050 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

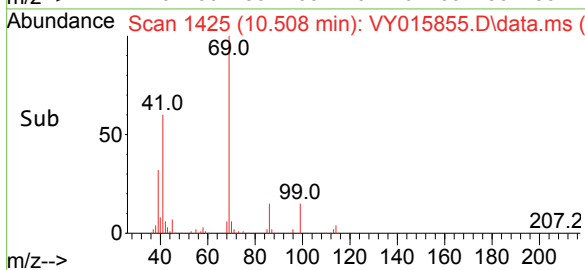
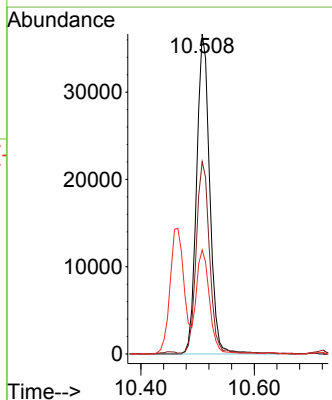
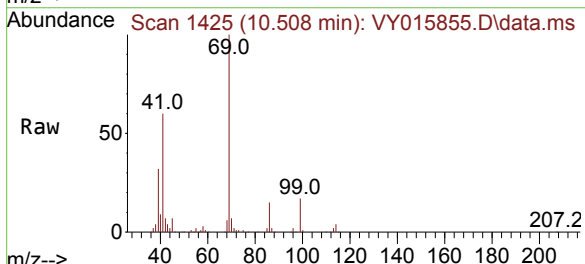
Instrument :
MSVOA_Y
ClientSampleId :

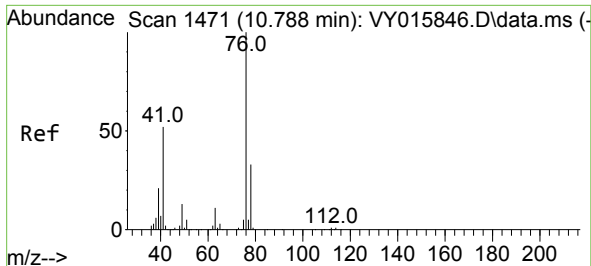
Tgt Ion: 97	Resp: 40345
Ion Ratio	Lower Upper
97 100	
83 87.5	72.0 108.0
85 54.6	45.4 68.0
99 63.7	50.3 75.5



#56
Ethyl methacrylate
Concen: 20.199 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 69	Resp: 58930
Ion Ratio	Lower Upper
69 100	
41 60.3	57.6 86.4
39 31.4	34.1 51.1#

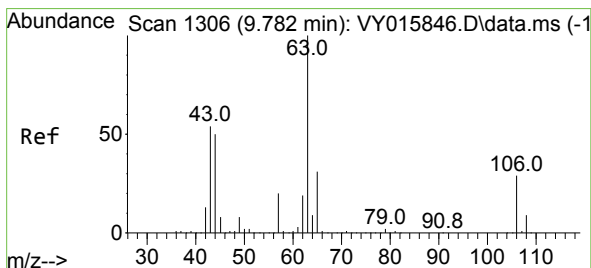
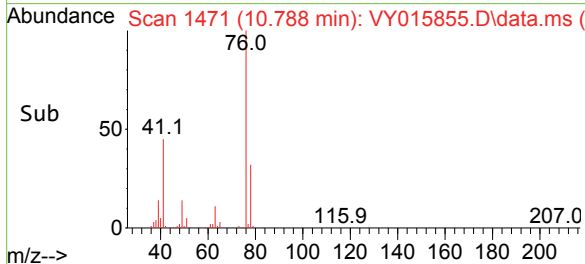
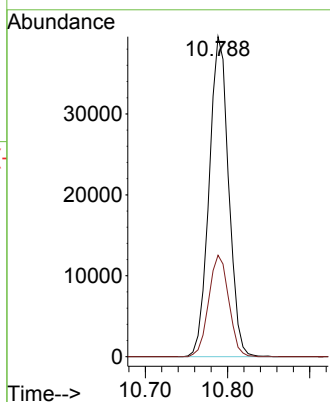
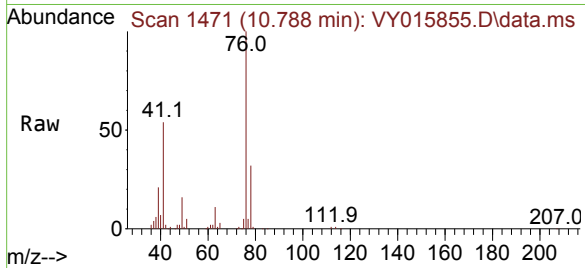




#57
1,3-Dichloropropane
Concen: 20.254 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

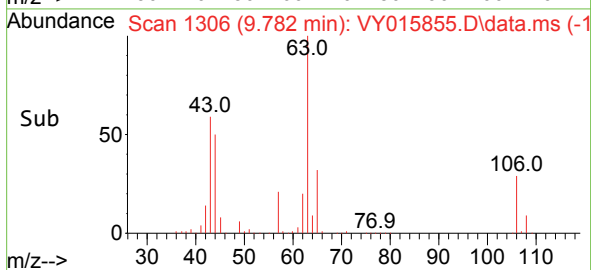
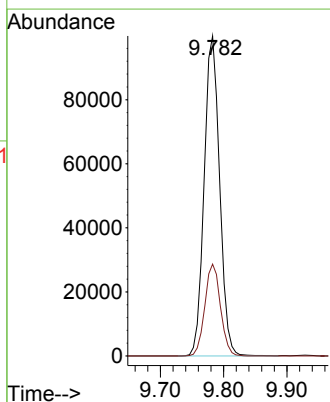
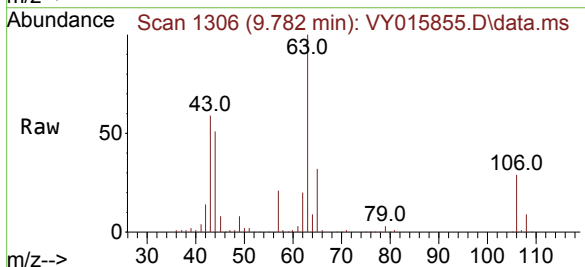
Instrument :
MSVOA_Y
ClientSampleId :

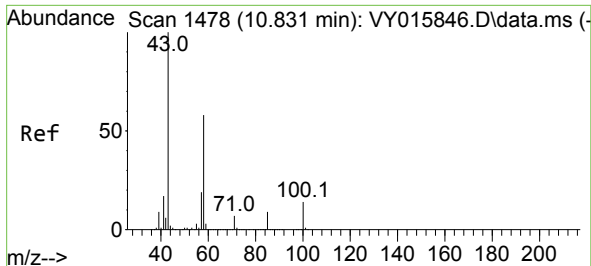
Tgt Ion: 76 Resp: 65157
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 100.076 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 63 Resp: 170129
Ion Ratio Lower Upper
63 100
106 29.0 21.2 31.8





#59

2-Hexanone

Concen: 112.913 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

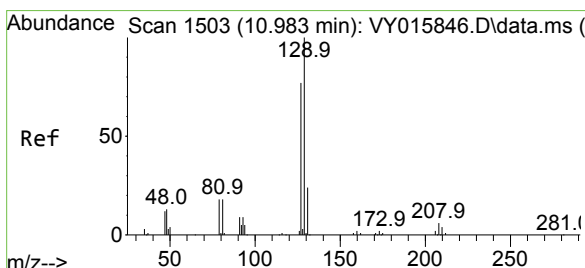
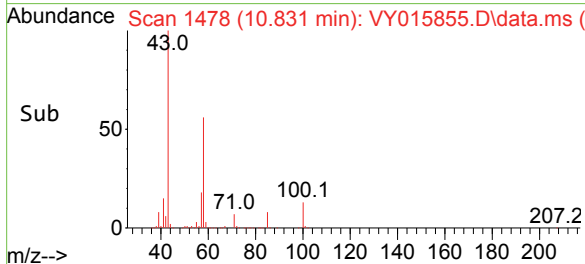
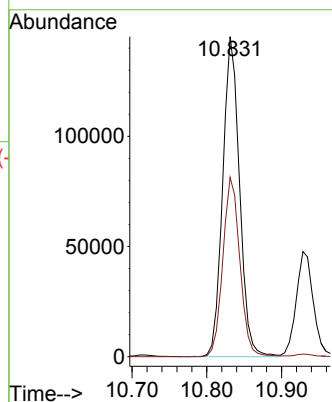
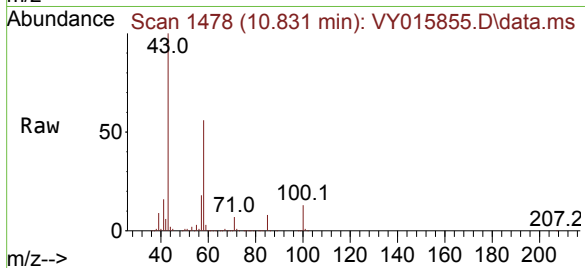
ClientSampleId :

Tgt Ion: 43 Resp: 227890

Ion Ratio Lower Upper

43 100

58 56.8 25.1 75.3



#60

Dibromochloromethane

Concen: 20.448 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY015855.D

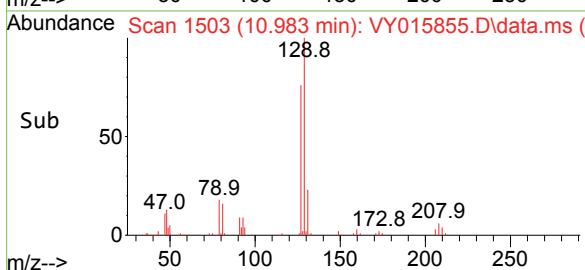
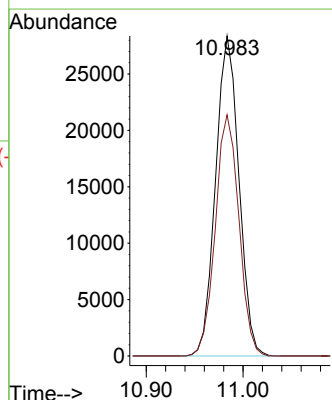
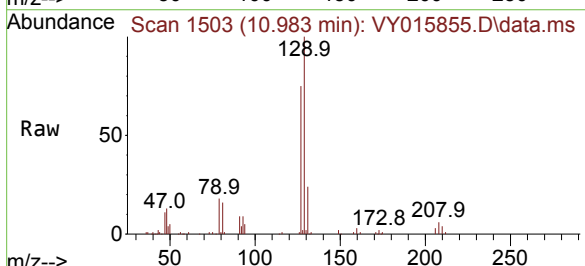
Acq: 06 Oct 2023 12:01

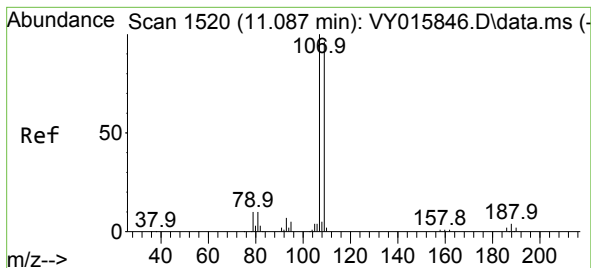
Tgt Ion: 129 Resp: 47523

Ion Ratio Lower Upper

129 100

127 76.0 38.5 115.5

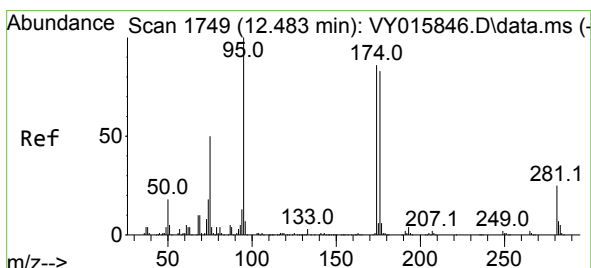
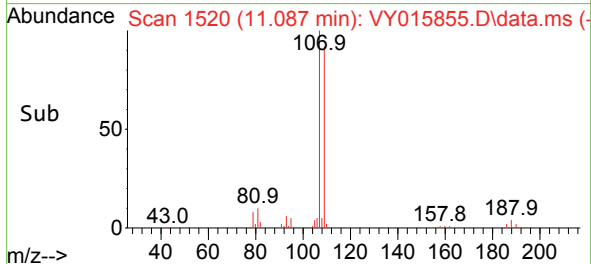
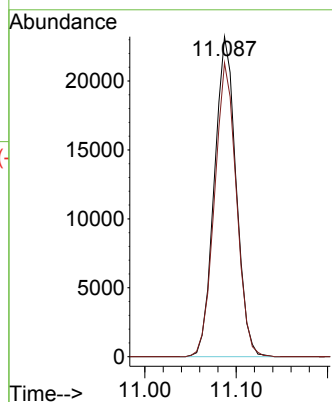
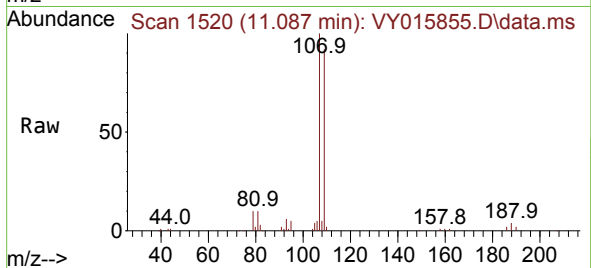




#61
1,2-Dibromoethane
Concen: 20.333 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

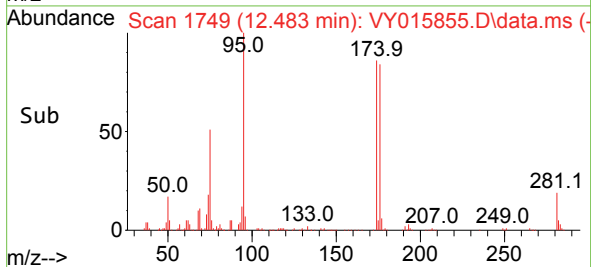
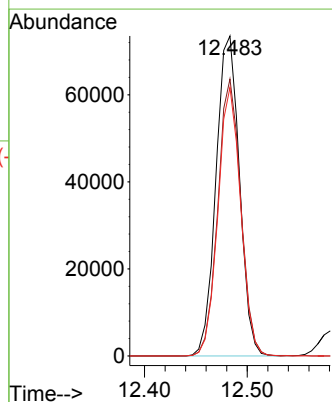
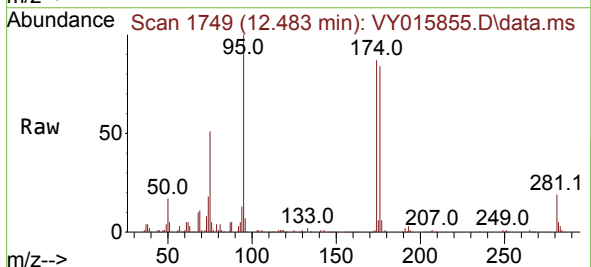
Instrument :
MSVOA_Y
ClientSampleId :

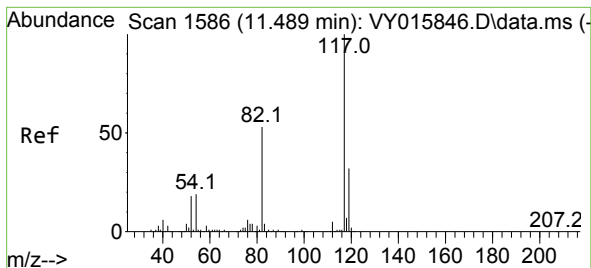
Tgt Ion:107 Resp: 38235
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 95 Resp: 116298
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

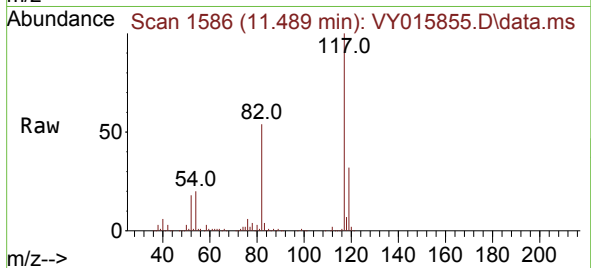
Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :



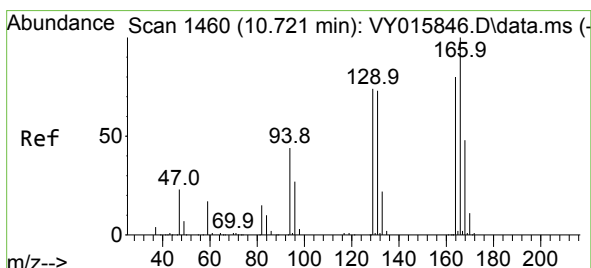
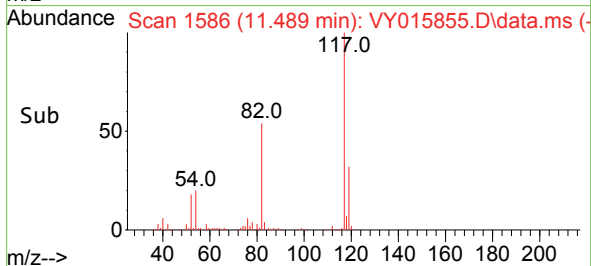
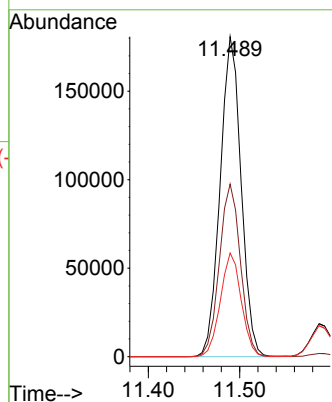
Tgt Ion:117 Resp: 288031

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 20.683 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Tgt Ion:164 Resp: 41874

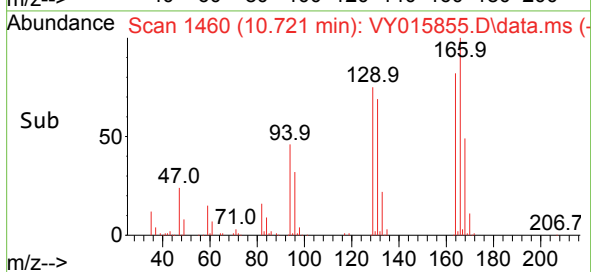
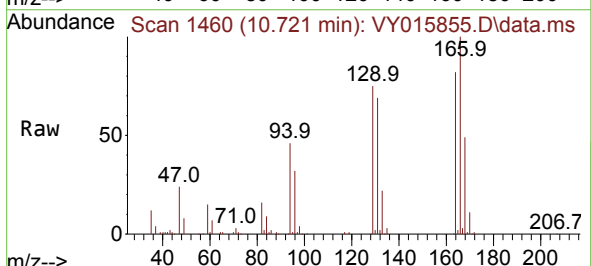
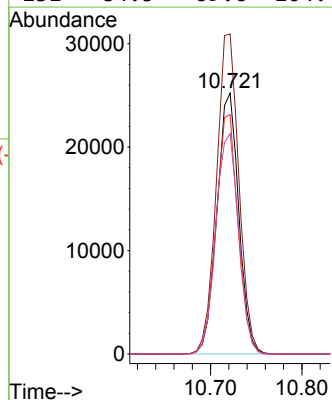
Ion Ratio Lower Upper

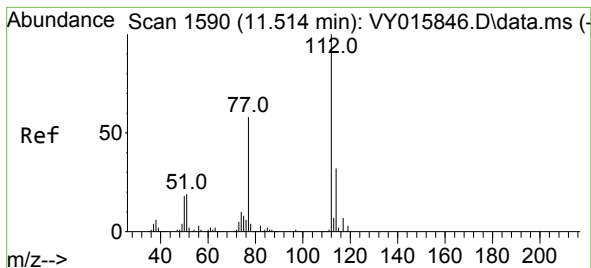
164 100

166 122.7 103.0 154.6

129 91.8 77.2 115.8

131 84.5 69.6 104.4





#65

Chlorobenzene

Concen: 19.683 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

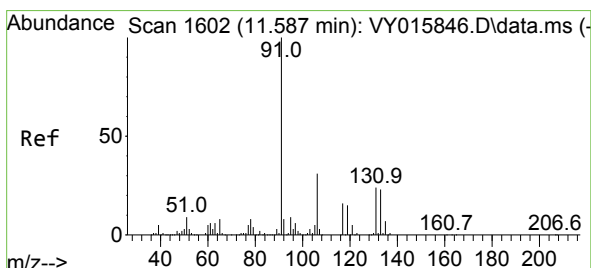
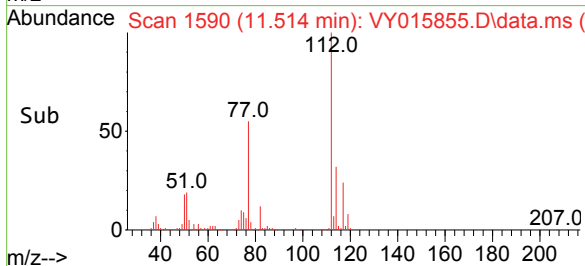
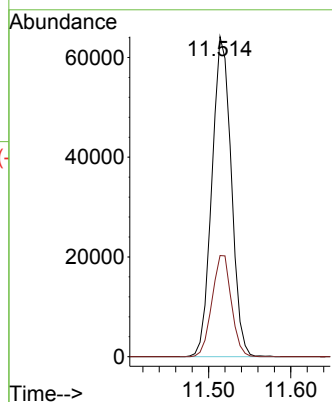
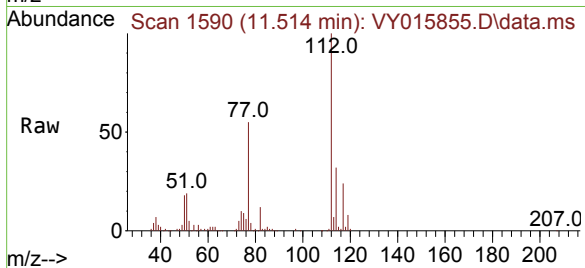
ClientSampleId :

Tgt Ion:112 Resp: 104846

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.629 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

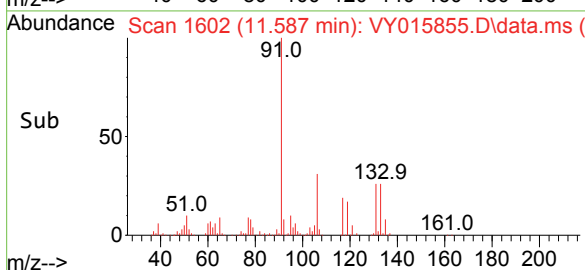
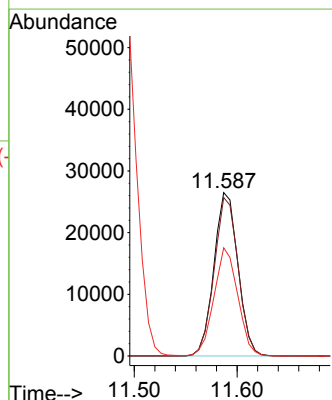
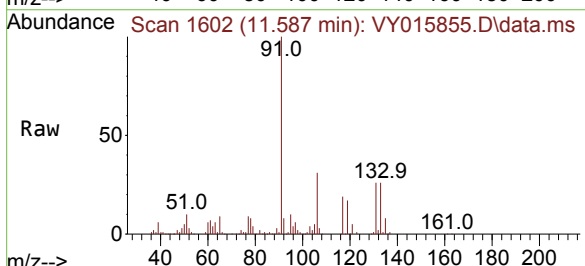
Tgt Ion:131 Resp: 42989

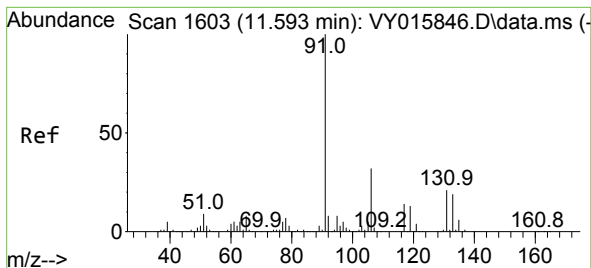
Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 19.119 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

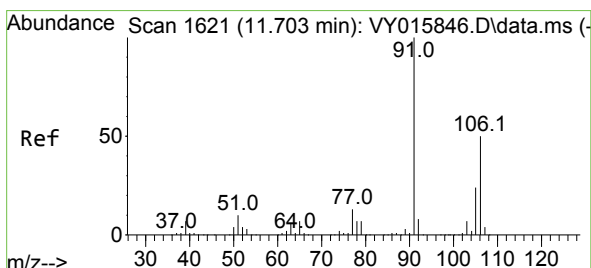
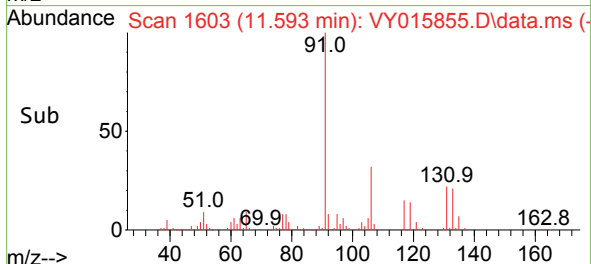
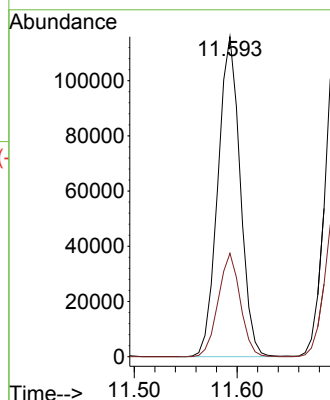
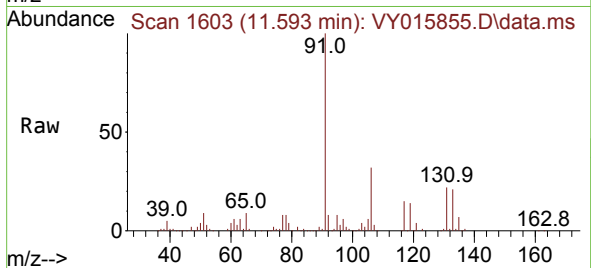
ClientSampleId :

Tgt Ion: 91 Resp: 174313

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 38.467 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015855.D

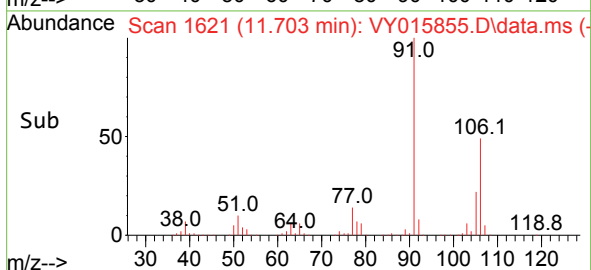
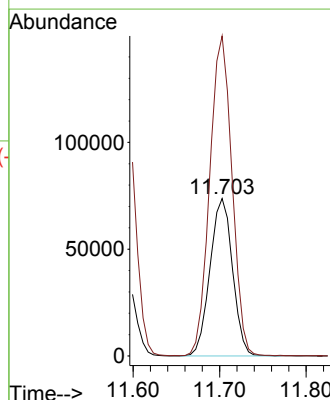
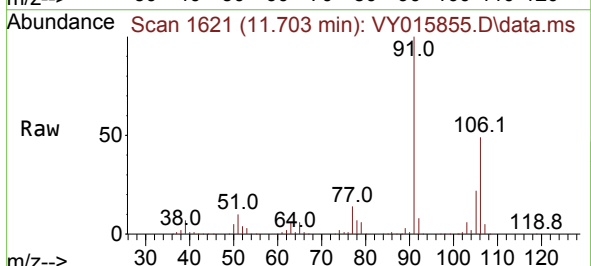
Acq: 06 Oct 2023 12:01

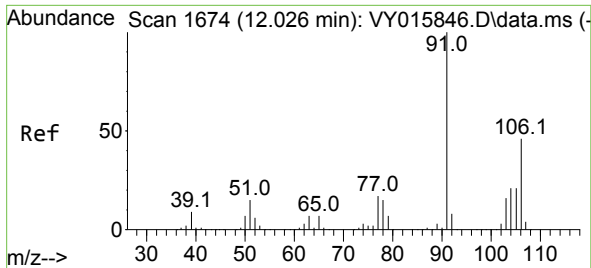
Tgt Ion:106 Resp: 133317

Ion Ratio Lower Upper

106 100

91 201.0 166.1 249.1

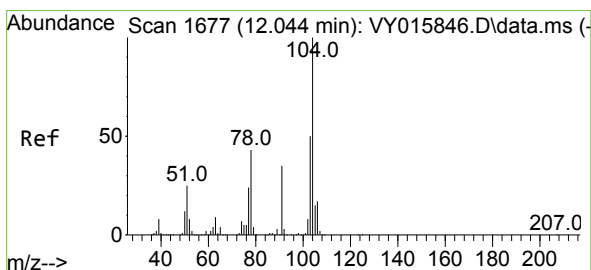
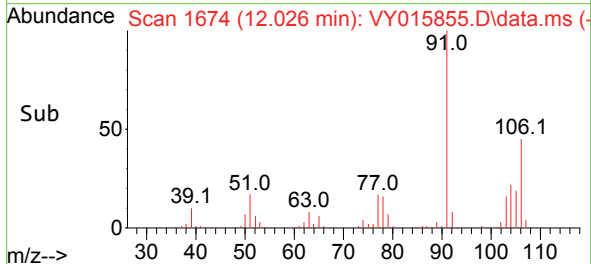
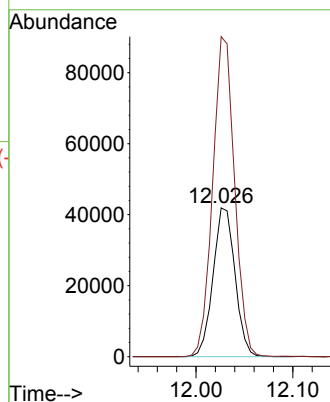
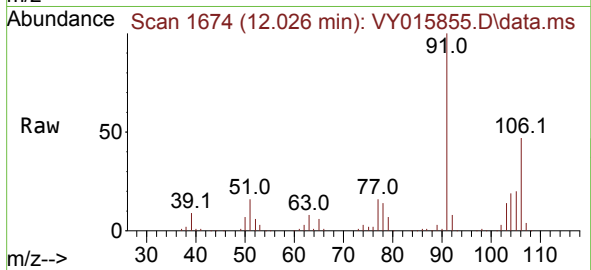




#69
o-Xylene
Concen: 19.158 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

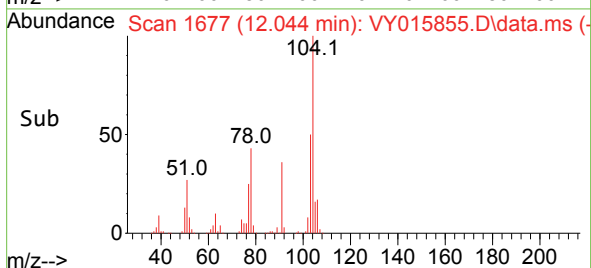
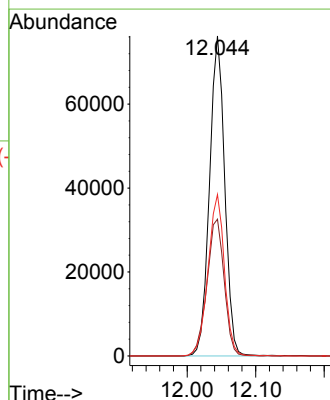
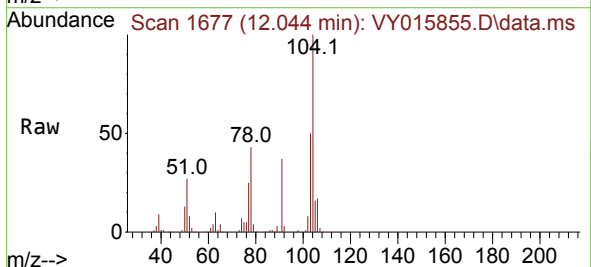
Instrument :
MSVOA_Y
ClientSampleId :

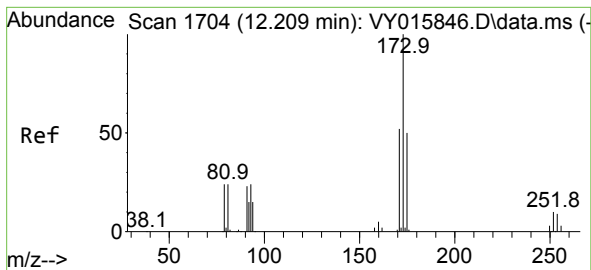
Tgt Ion:106 Resp: 66041
Ion Ratio Lower Upper
106 100
91 214.9 108.1 324.3



#70
Styrene
Concen: 19.581 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion:104 Resp: 117838
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.798 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

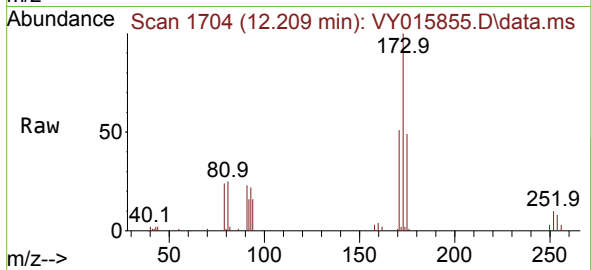
Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :



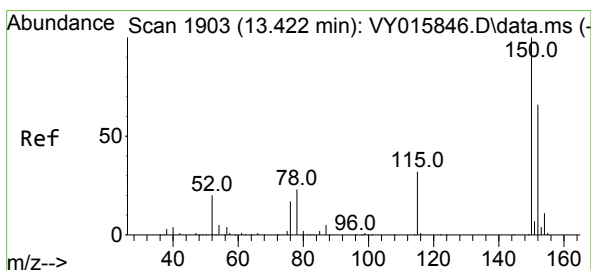
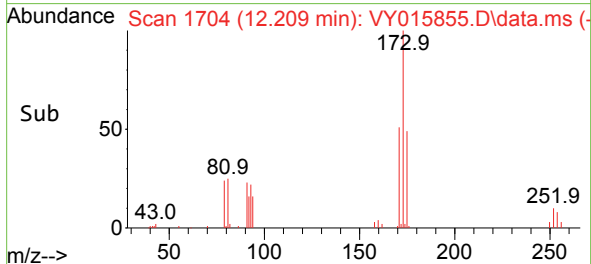
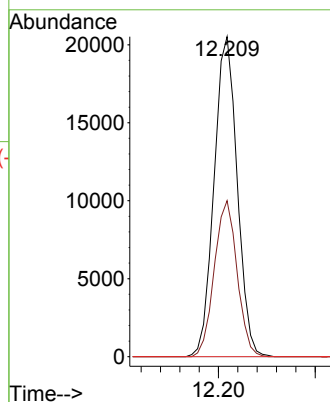
Tgt Ion:173 Resp: 33965

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

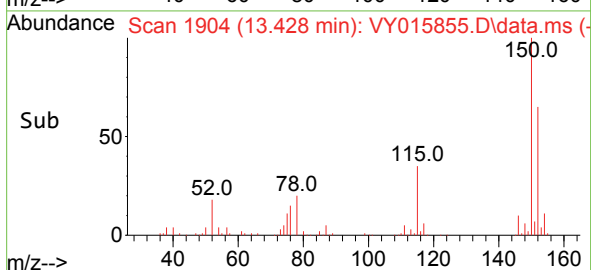
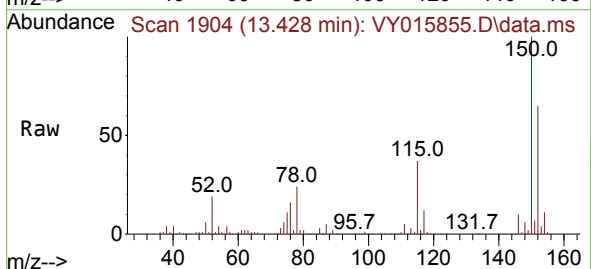
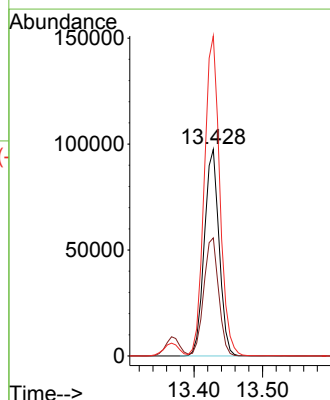
Tgt Ion:152 Resp: 146680

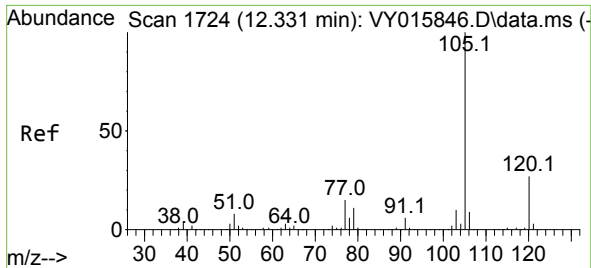
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 161.9 0.0 348.8

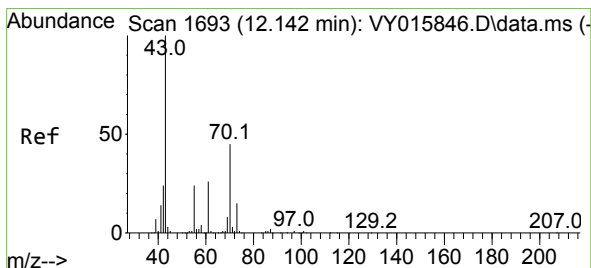
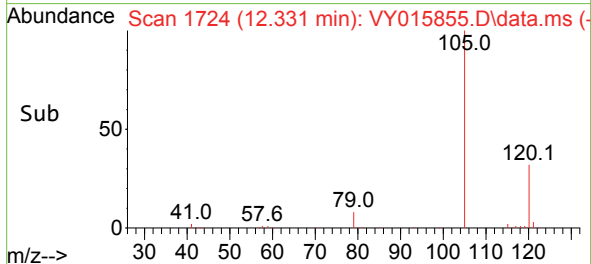
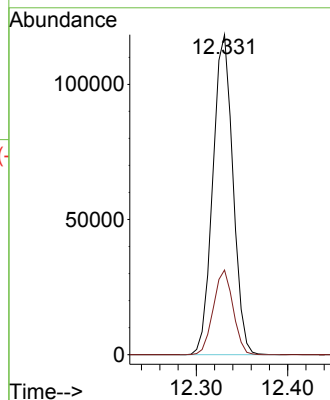
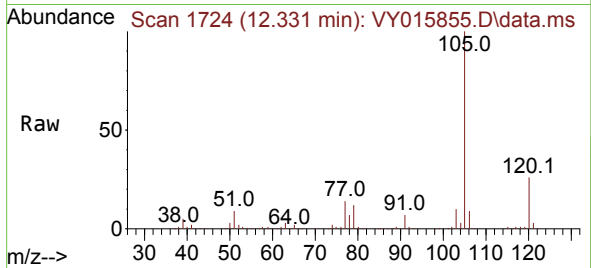




#73
Isopropylbenzene
Concen: 18.997 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

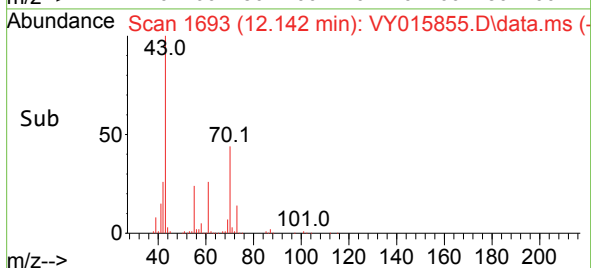
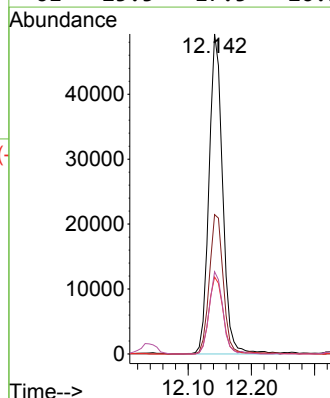
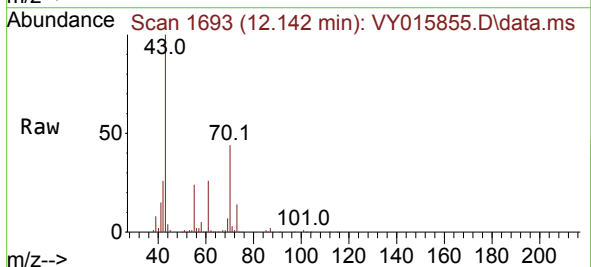
Instrument :
MSVOA_Y
ClientSampleId :

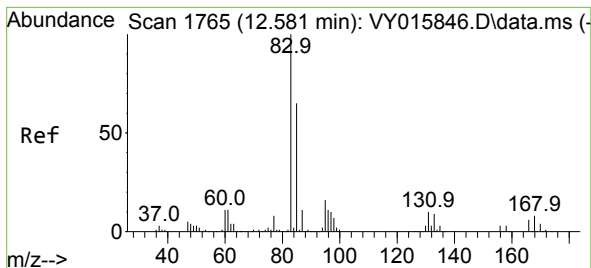
Tgt Ion:105 Resp: 180503
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9



#74
N-ethyl acetate
Concen: 20.238 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 43 Resp: 74307
Ion Ratio Lower Upper
43 100
70 44.0 29.7 44.5
55 24.9 18.3 27.5
61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.183 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

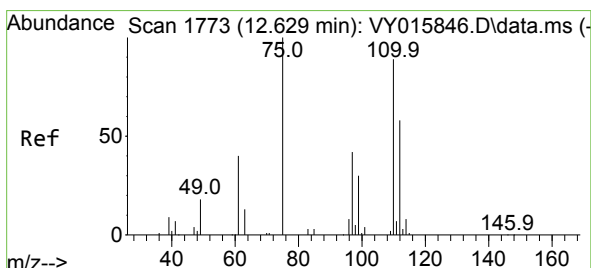
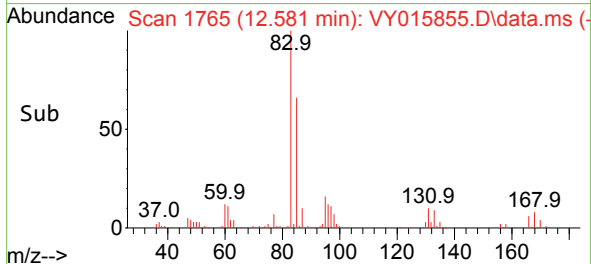
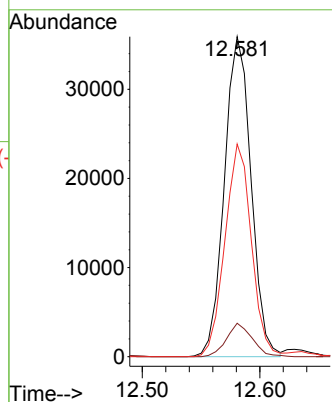
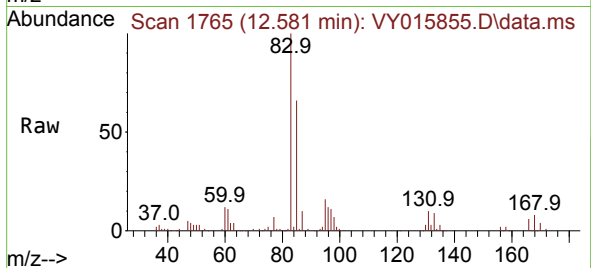
Tgt Ion: 83 Resp: 56650

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 66.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.553 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015855.D

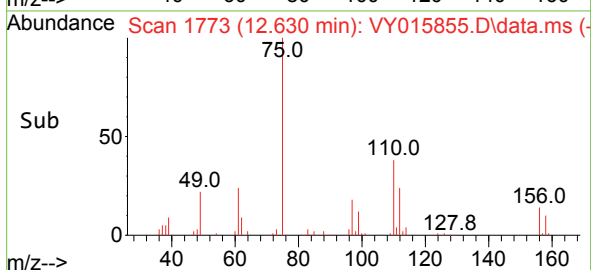
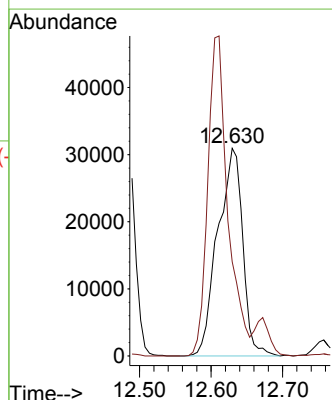
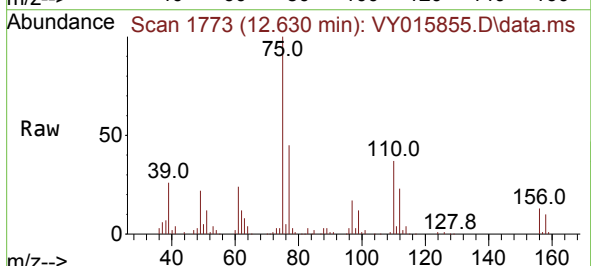
Acq: 06 Oct 2023 12:01

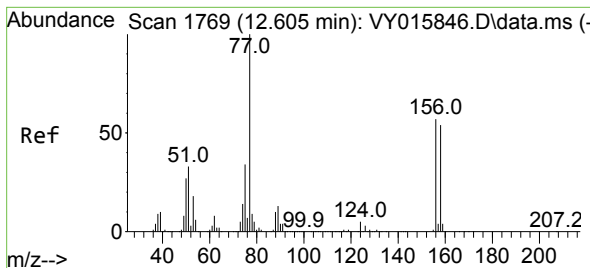
Tgt Ion: 75 Resp: 75027

Ion Ratio Lower Upper

75 100

77 123.9 0.0 0.0#





#77

Bromobenzene

Concen: 19.490 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

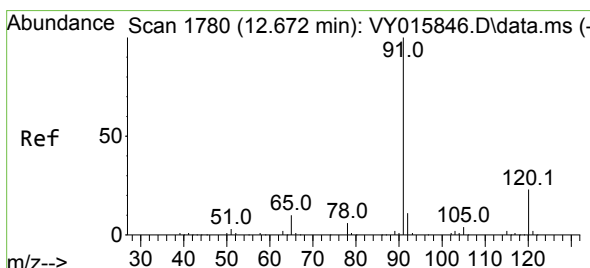
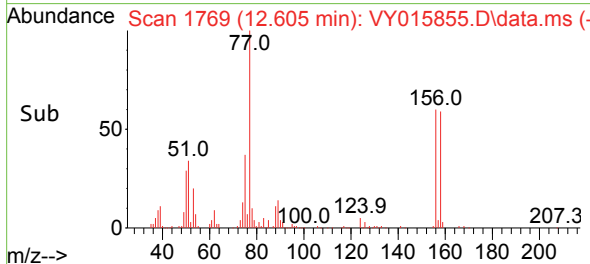
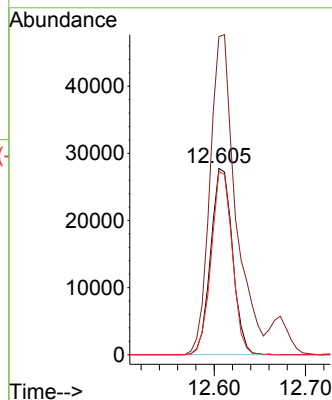
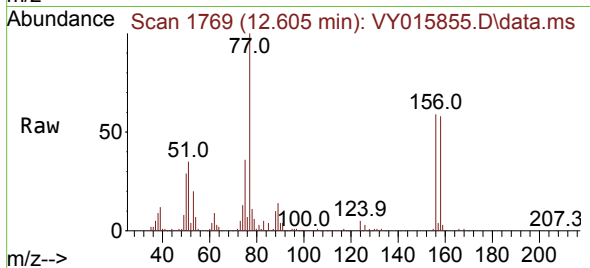
Tgt Ion:156 Resp: 45814

Ion Ratio Lower Upper

156 100

77 203.0 92.8 278.6

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 19.344 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015855.D

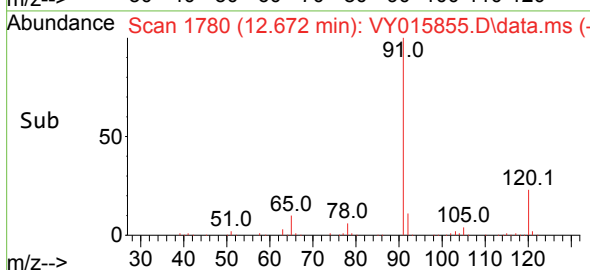
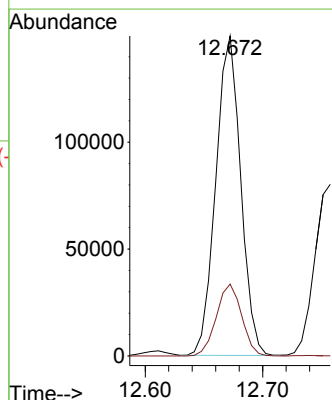
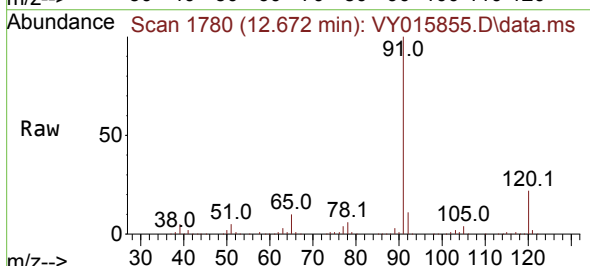
Acq: 06 Oct 2023 12:01

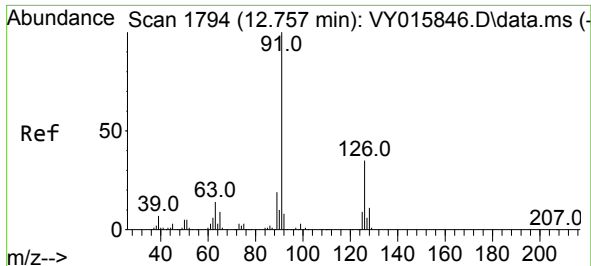
Tgt Ion: 91 Resp: 220159

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

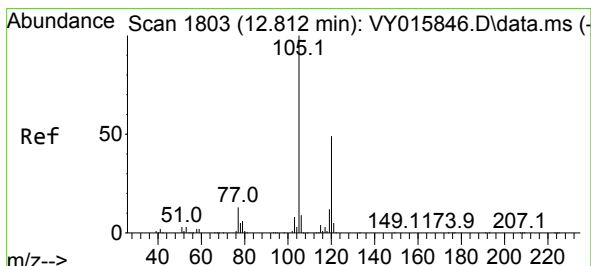
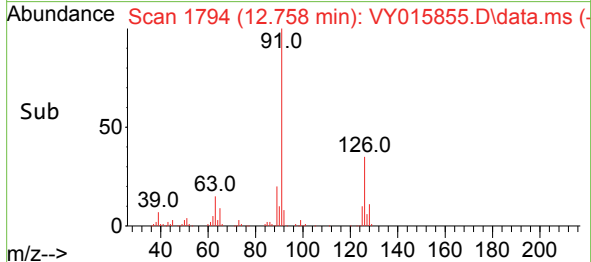
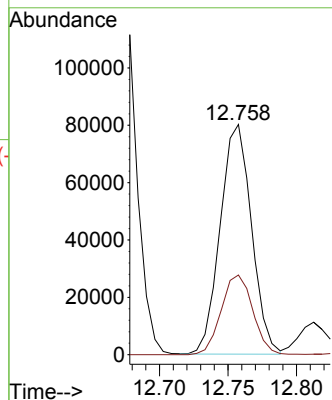
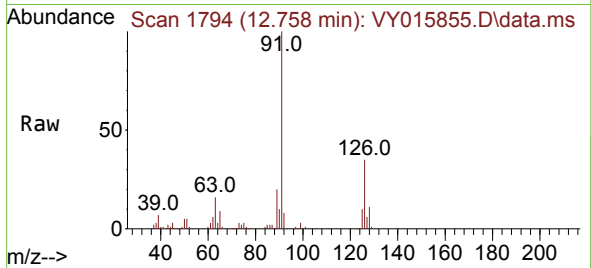




#79
2-Chlorotoluene
Concen: 19.428 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

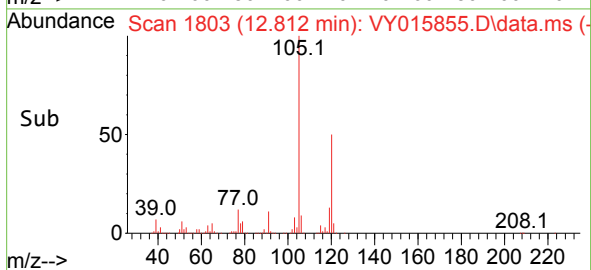
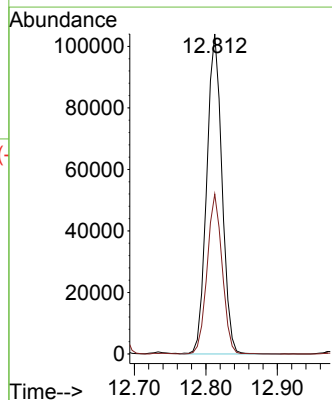
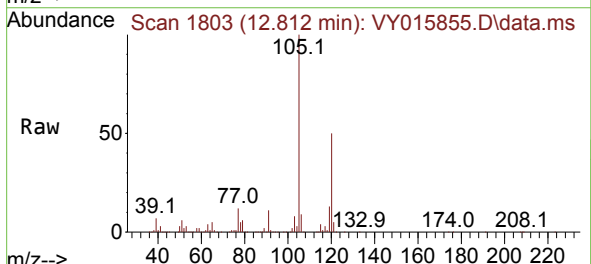
Instrument :
MSVOA_Y
ClientSampleId :

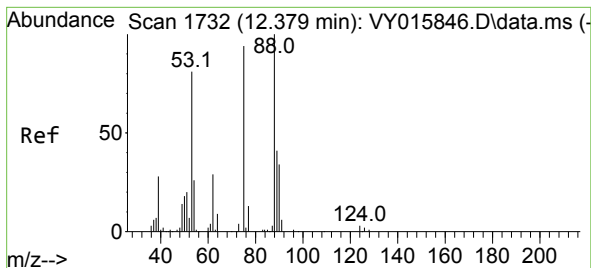
Tgt Ion: 91 Resp: 127331
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.457 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

Tgt Ion: 105 Resp: 154076
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

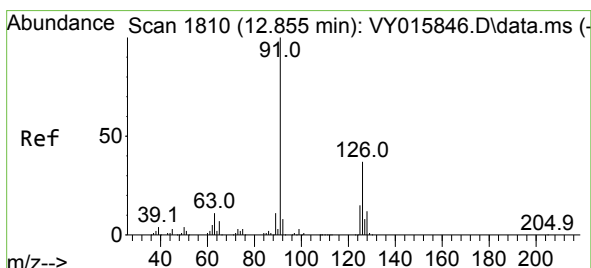
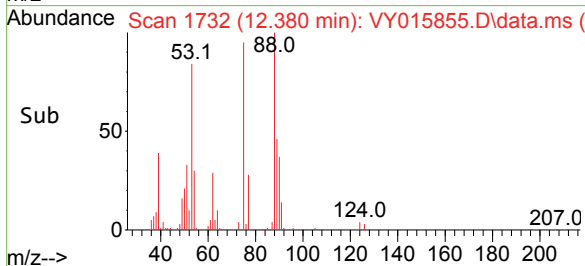
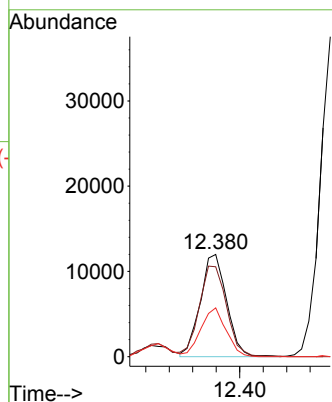
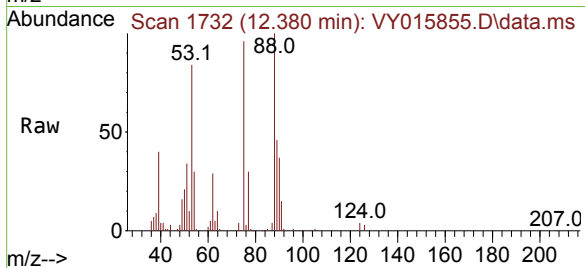




#81
trans-1,4-Dichloro-2-butene
Concen: 19.896 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

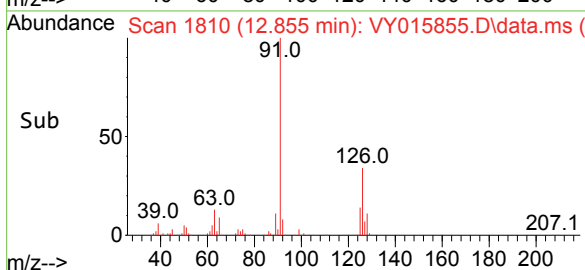
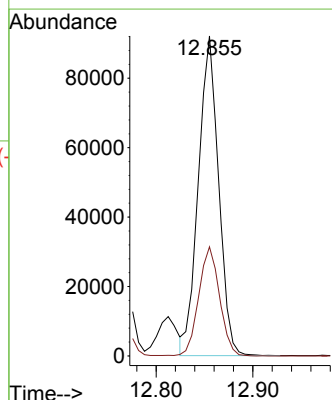
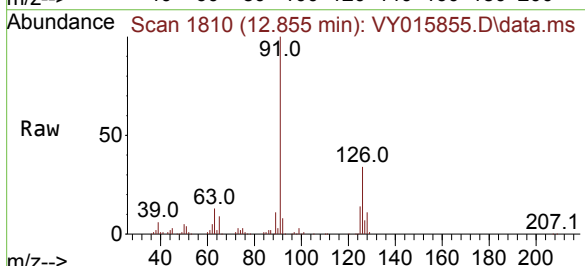
Instrument :
MSVOA_Y
ClientSampleId :

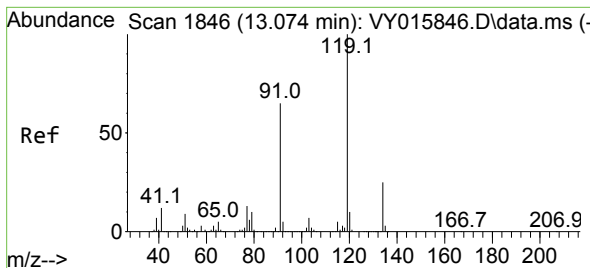
Tgt Ion: 75 Resp: 18663
Ion Ratio Lower Upper
75 100
53 93.0 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.523 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

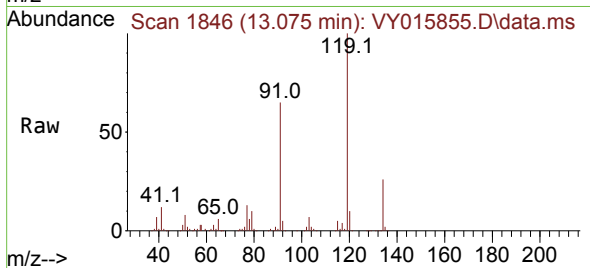
Tgt Ion: 91 Resp: 133922
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6



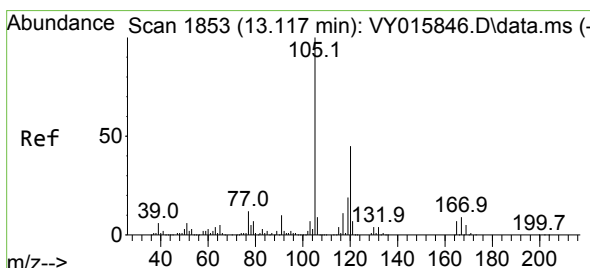
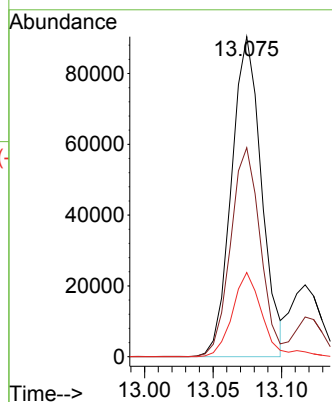
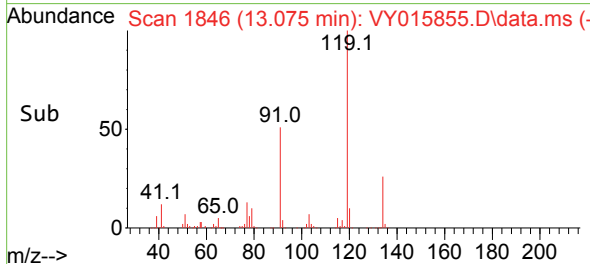


#83
tert-Butylbenzene
Concen: 19.107 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

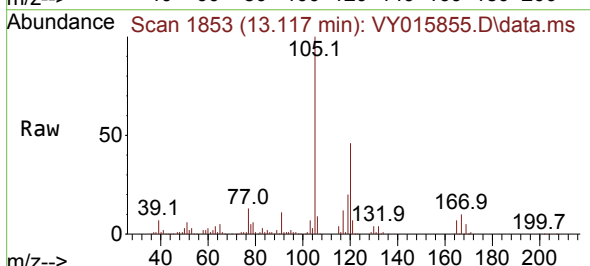
Instrument :
MSVOA_Y
ClientSampleId :



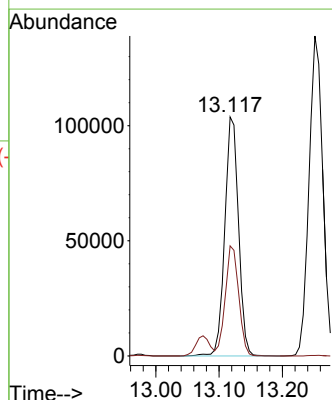
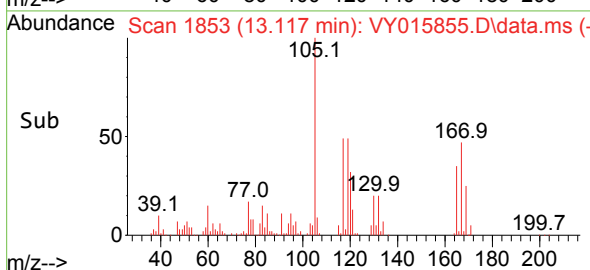
Tgt Ion:119 Resp: 138303
Ion Ratio Lower Upper
119 100
91 64.3 32.9 98.6
134 26.3 13.0 38.9

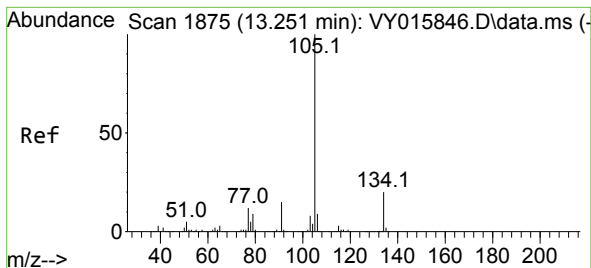


#84
1,2,4-Trimethylbenzene
Concen: 19.595 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01



Tgt Ion:105 Resp: 155881
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.681 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

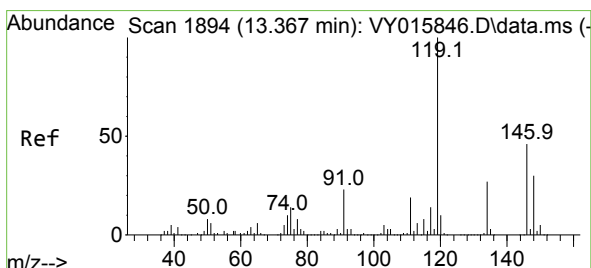
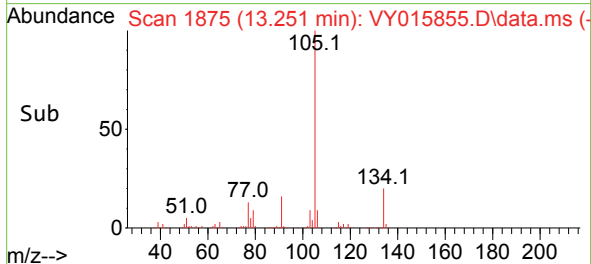
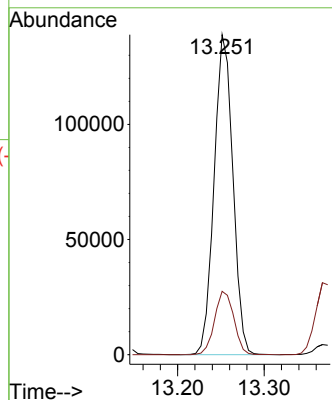
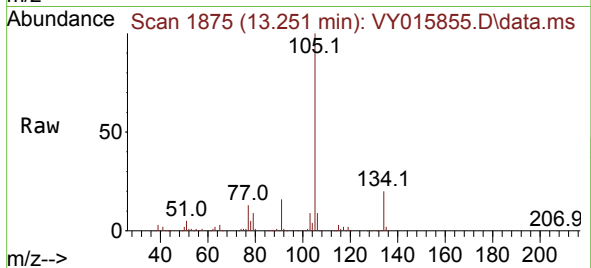
ClientSampleId :

Tgt Ion:105 Resp: 209007

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.273 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

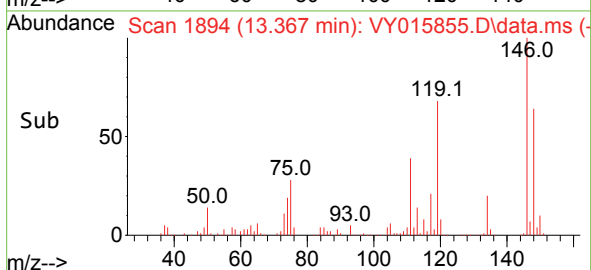
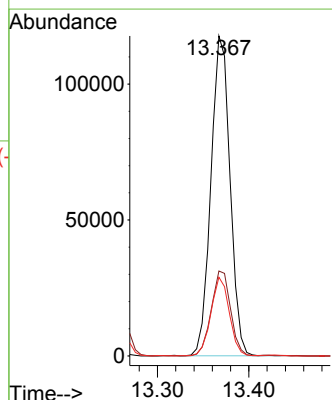
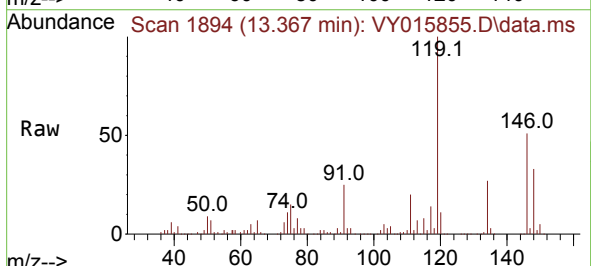
Tgt Ion:119 Resp: 170438

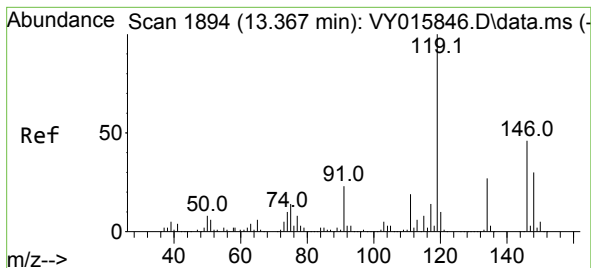
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.808 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

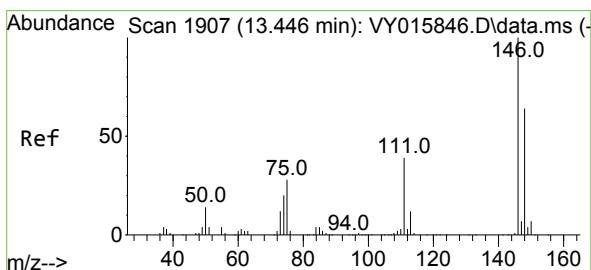
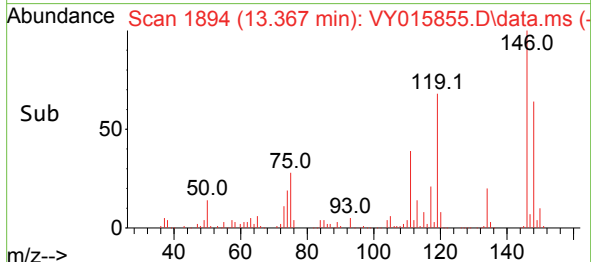
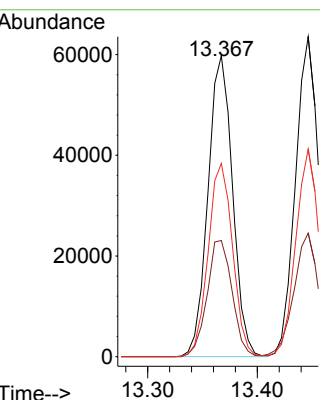
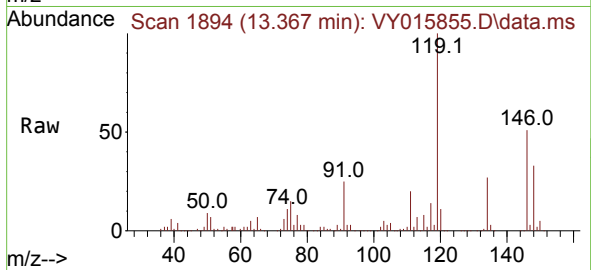
Tgt Ion:146 Resp: 93223

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.970 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

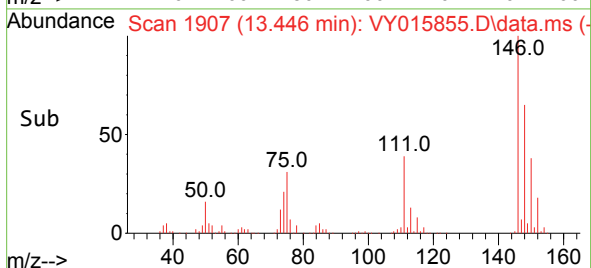
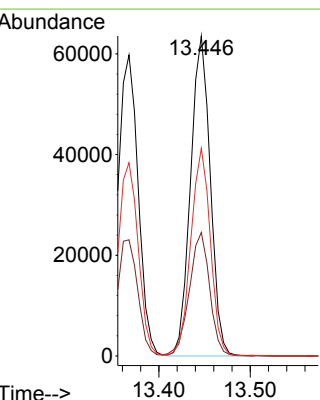
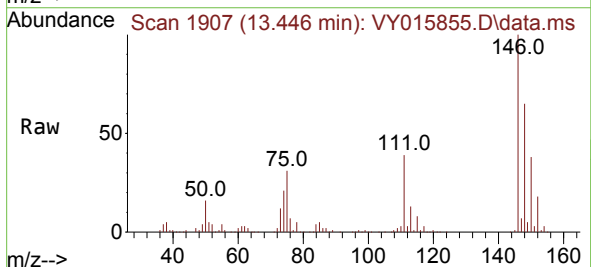
Tgt Ion:146 Resp: 95028

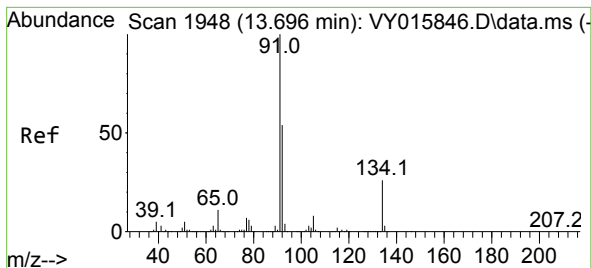
Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 19.245 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

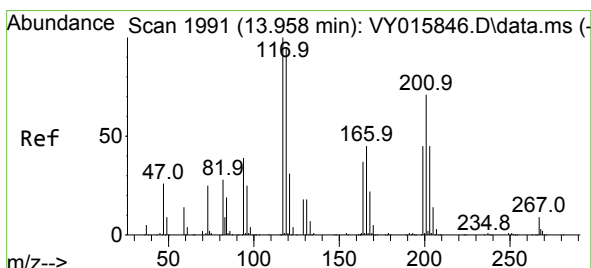
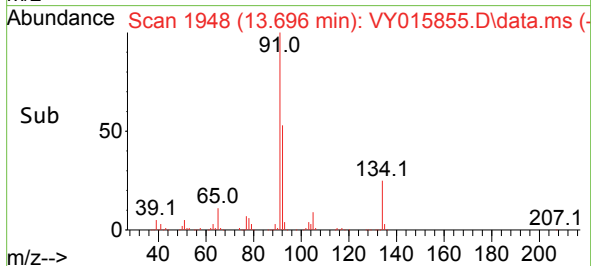
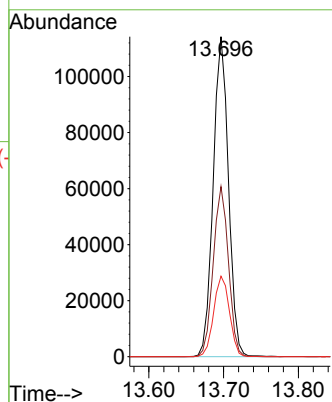
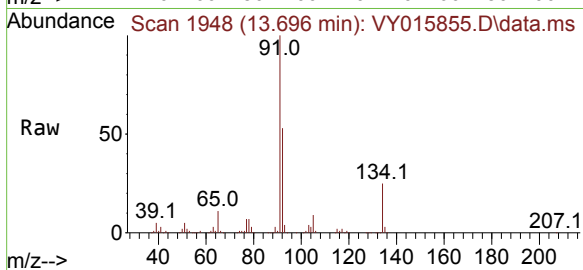
Tgt Ion: 91 Resp: 161945

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 19.578 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015855.D

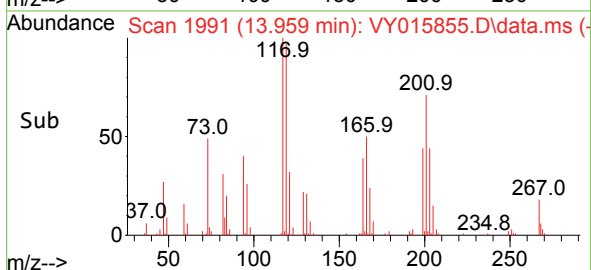
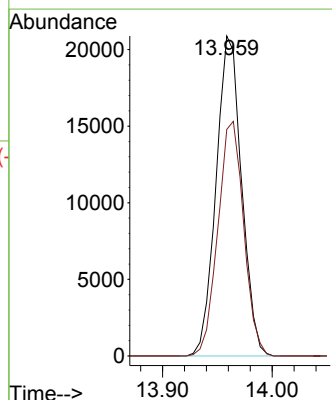
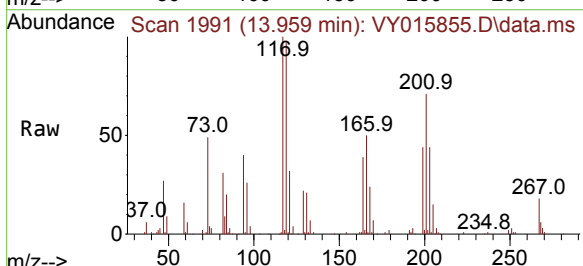
Acq: 06 Oct 2023 12:01

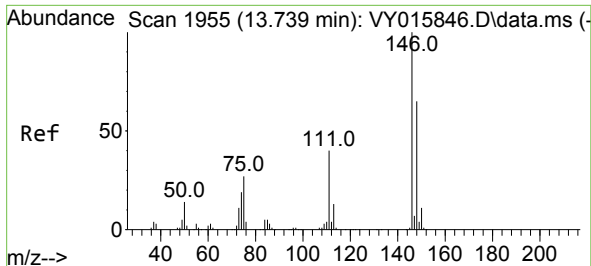
Tgt Ion: 117 Resp: 33795

Ion Ratio Lower Upper

117 100

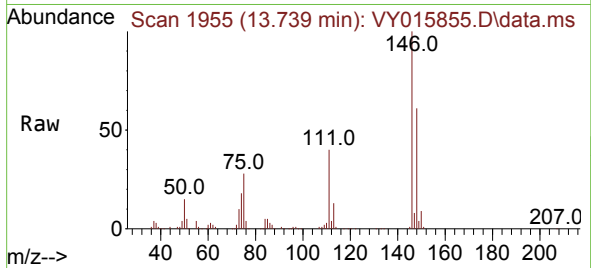
201 74.1 41.6 124.8



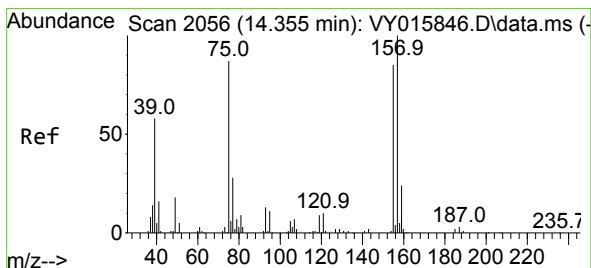
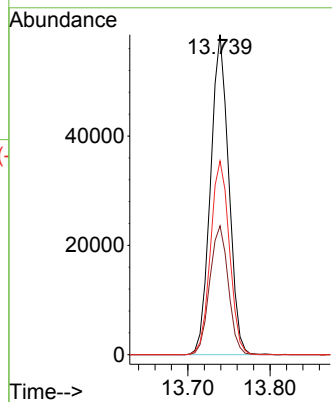
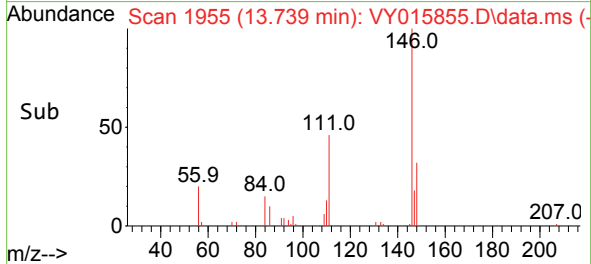


#91
1,2-Dichlorobenzene
Concen: 20.276 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01

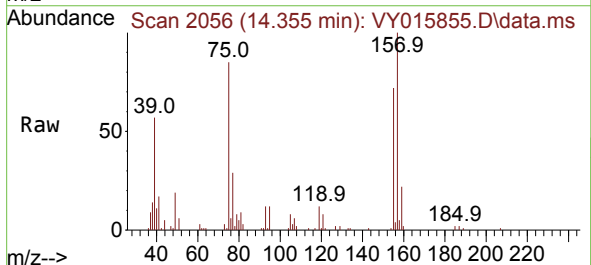
Instrument :
MSVOA_Y
ClientSampleId :



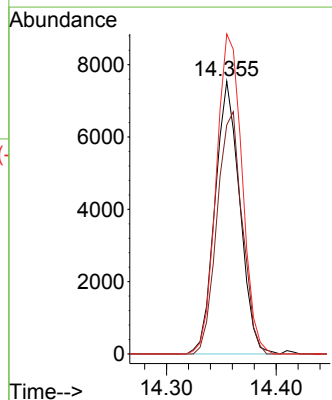
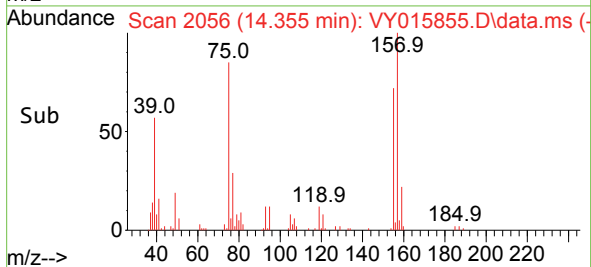
Tgt Ion:146 Resp: 89872
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 62.8 32.0 96.2

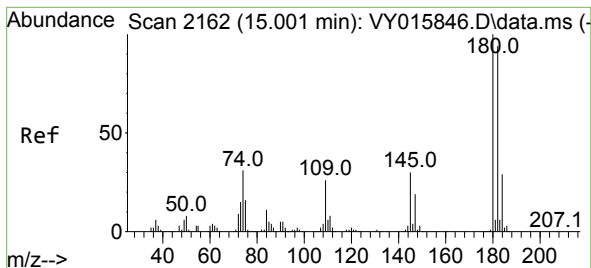


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.025 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015855.D
Acq: 06 Oct 2023 12:01



Tgt Ion: 75 Resp: 11841
Ion Ratio Lower Upper
75 100
155 90.3 41.5 124.6
157 122.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.267 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

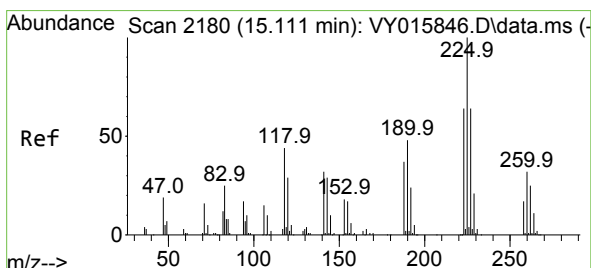
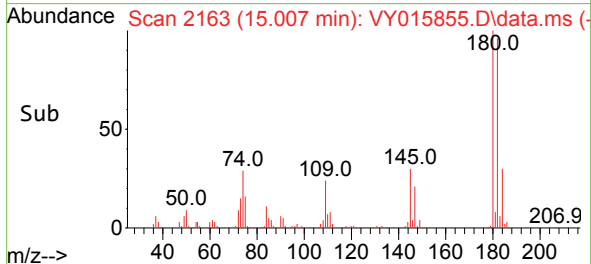
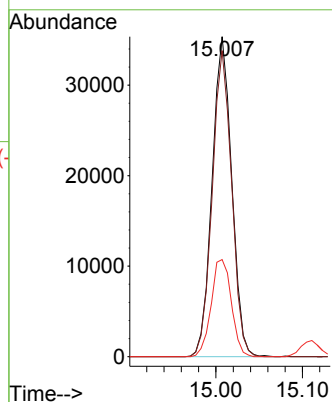
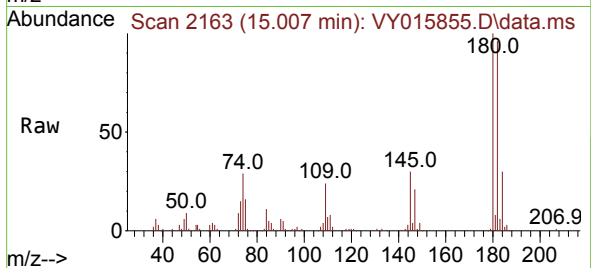
Tgt Ion:180 Resp: 55582

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.954 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

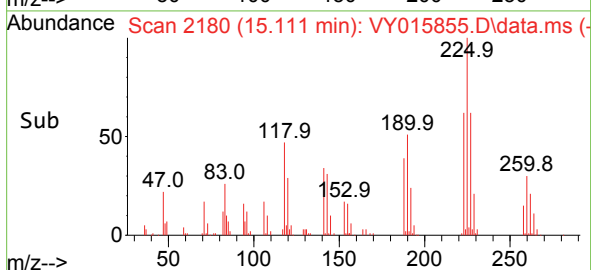
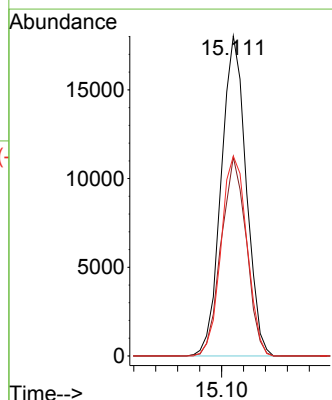
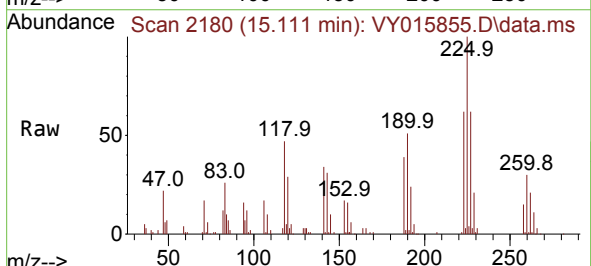
Tgt Ion:225 Resp: 28491

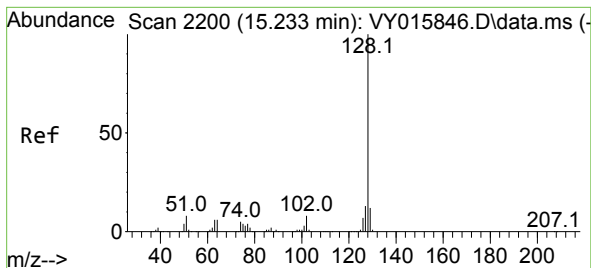
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 20.108 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

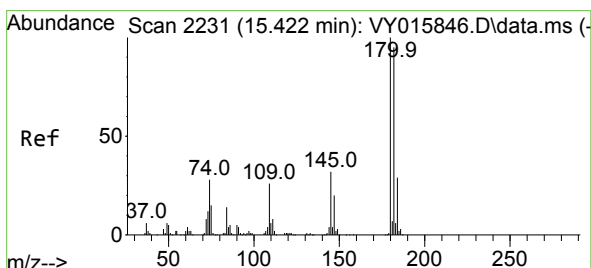
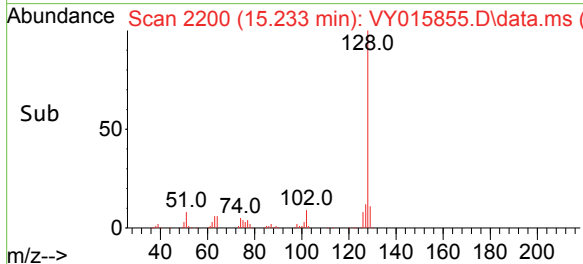
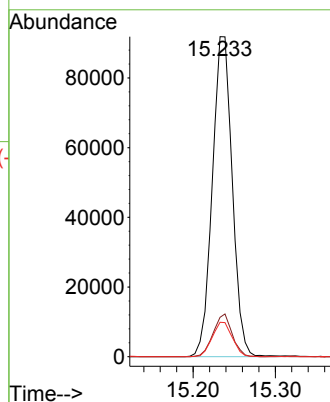
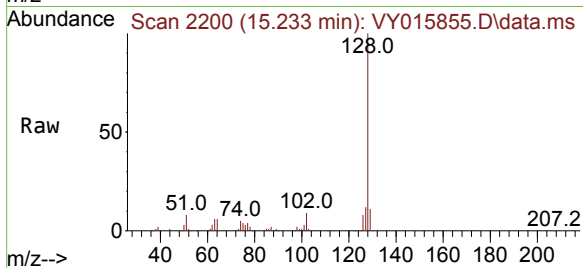
Tgt Ion:128 Resp: 154679

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.425 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015855.D

Acq: 06 Oct 2023 12:01

Tgt Ion:180 Resp: 52505

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 32.7 15.4 46.2

