

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015310.D
 Acq On : 24 Aug 2023 14:22
 Operator : SY/MD
 Sample : VY0824SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:18:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106819	56.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.640%
35) Dibromofluoromethane	7.716	113	93507	54.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.020%
50) Toluene-d8	10.179	98	338251	52.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.940%
62) 4-Bromofluorobenzene	12.483	95	121534	52.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	14800	18.945	ug/l	100
3) Chloromethane	2.113	50	18346	17.104	ug/l	99
4) Vinyl Chloride	2.247	62	22312	17.905	ug/l	99
5) Bromomethane	2.625	94	20094	20.918	ug/l	91
6) Chloroethane	2.778	64	18037	19.936	ug/l	95
7) Trichlorofluoromethane	3.113	101	41308	19.672	ug/l	97
8) Diethyl Ether	3.521	74	17182	20.864	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	26523	20.324	ug/l	95
10) Methyl Iodide	4.082	142	22429	17.503	ug/l	96
11) Tert butyl alcohol	4.942	59	44956	137.993	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	20920	19.197	ug/l	94
13) Acrolein	3.723	56	17813	121.602	ug/l	98
14) Allyl chloride	4.473	41	38825	20.095	ug/l	98
15) Acrylonitrile	5.161	53	63194	113.234	ug/l	99
16) Acetone	3.942	43	68185	111.026	ug/l	98
17) Carbon Disulfide	4.186	76	29130	15.189	ug/l	97
18) Methyl Acetate	4.473	43	49632	22.053	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	98462	21.250	ug/l	98
20) Methylene Chloride	4.710	84	43071	27.288	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	23672	19.258	ug/l	95
22) Diisopropyl ether	6.112	45	105366	21.856	ug/l	94
23) Vinyl Acetate	6.058	43	290811	101.094	ug/l	95
24) 1,1-Dichloroethane	6.015	63	56545	21.664	ug/l	97
25) 2-Butanone	6.984	43	96570	111.057	ug/l	98
26) 2,2-Dichloropropane	6.972	77	47607	18.921	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	35157	20.938	ug/l	97
28) Bromochloromethane	7.326	49	27350	22.808	ug/l	95
29) Tetrahydrofuran	7.350	42	56330	108.339	ug/l	93
30) Chloroform	7.509	83	62351	21.310	ug/l	98
31) Cyclohexane	7.783	56	34948	19.242	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	51217	20.571	ug/l	98
36) 1,1-Dichloropropene	7.917	75	36391	19.174	ug/l	99
37) Ethyl Acetate	7.070	43	37771	21.351	ug/l	98
38) Carbon Tetrachloride	7.893	117	41645	18.541	ug/l	98
39) Methylcyclohexane	9.185	83	38065	17.891	ug/l	97
40) Benzene	8.155	78	116036	20.222	ug/l	100

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 ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19585	21.469	ug/l #	65
42) 1,2-Dichloroethane	8.234	62	43211	20.735	ug/l	95
43) Isopropyl Acetate	8.271	43	65035	20.187	ug/l	99
44) Trichloroethene	8.941	130	33219	20.095	ug/l	93
45) 1,2-Dichloropropane	9.216	63	33010	20.401	ug/l	99
46) Dibromomethane	9.307	93	20795	20.377	ug/l	95
47) Bromodichloromethane	9.496	83	50025	20.542	ug/l	98
48) Methyl methacrylate	9.289	41	29978	21.753	ug/l	96
49) 1,4-Dioxane	9.301	88	7967	390.412	ug/l #	45
51) 4-Methyl-2-Pentanone	10.069	43	199361	106.775	ug/l	95
52) Toluene	10.246	92	75245	19.895	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	49127	19.196	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	53815	19.966	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	32907	21.207	ug/l	95
56) Ethyl methacrylate	10.508	69	45065	19.845	ug/l	92
57) 1,3-Dichloropropane	10.788	76	52738	20.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	113183	107.098	ug/l	95
59) 2-Hexanone	10.831	43	147269	106.573	ug/l	94
60) Dibromochloromethane	10.984	129	38123	20.596	ug/l	100
61) 1,2-Dibromoethane	11.087	107	29678	20.133	ug/l	100
64) Tetrachloroethene	10.721	164	35025	20.588	ug/l	97
65) Chlorobenzene	11.514	112	89383	20.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36122	20.009	ug/l	98
67) Ethyl Benzene	11.593	91	151980	19.496	ug/l	99
68) m/p-Xylenes	11.703	106	115521	39.018	ug/l	97
69) o-Xylene	12.026	106	58222	19.740	ug/l	97
70) Styrene	12.044	104	101636	19.910	ug/l	97
71) Bromoform	12.209	173	24605	18.802	ug/l #	99
73) Isopropylbenzene	12.331	105	156235	19.489	ug/l	100
74) N-amyl acetate	12.142	43	56274	19.442	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	42977	20.584	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	54297	35.848	ug/l #	100
77) Bromobenzene	12.611	156	38785	19.848	ug/l	96
78) n-propylbenzene	12.672	91	186606	19.602	ug/l	100
79) 2-Chlorotoluene	12.758	91	108024	19.670	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	130212	19.486	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	12043	17.464	ug/l	96
82) 4-Chlorotoluene	12.855	91	111725	19.692	ug/l	100
83) tert-Butylbenzene	13.075	119	118677	19.416	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	131453	19.686	ug/l	99
85) sec-Butylbenzene	13.251	105	175858	19.636	ug/l	99
86) p-Isopropyltoluene	13.367	119	145333	19.573	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	77886	20.095	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	79822	20.533	ug/l	97
89) n-Butylbenzene	13.696	91	137201	19.598	ug/l	98
90) Hexachloroethane	13.959	117	27409	18.607	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	72499	20.023	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8275	20.459	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	46924	20.187	ug/l	98
94) Hexachlorobutadiene	15.111	225	24397	19.295	ug/l	97
95) Naphthalene	15.233	128	115036	19.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43504	20.723	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

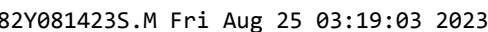
Instrument :
MSVOA_Y
ClientSampleId :

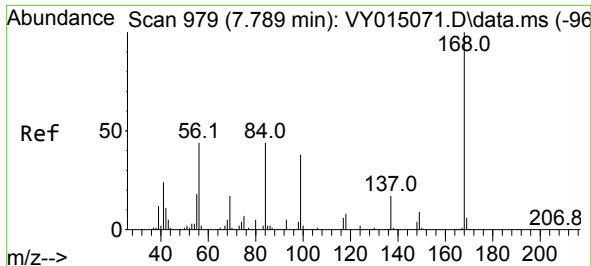
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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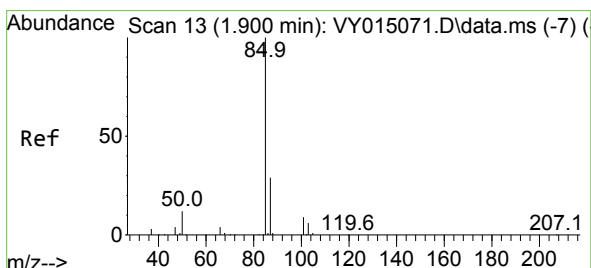
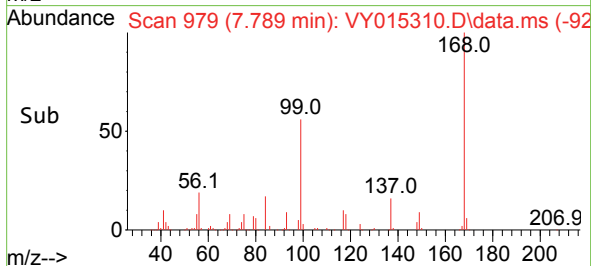
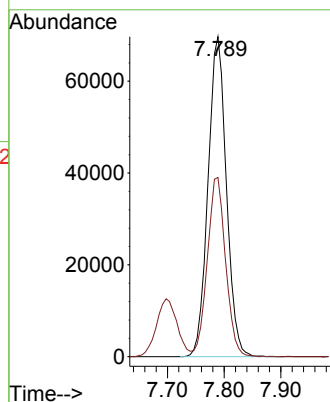
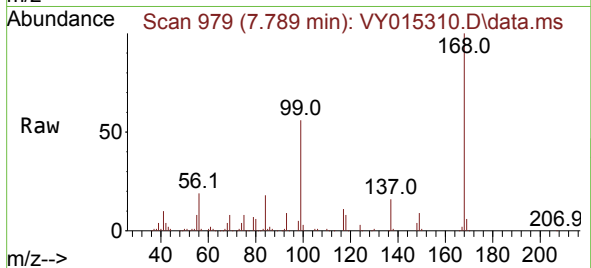




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

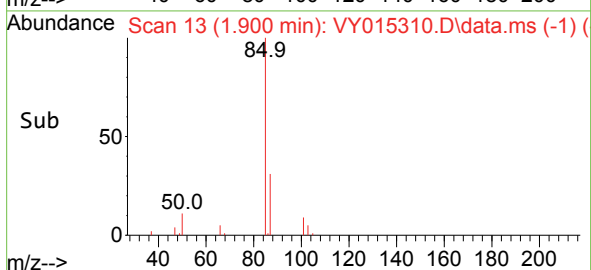
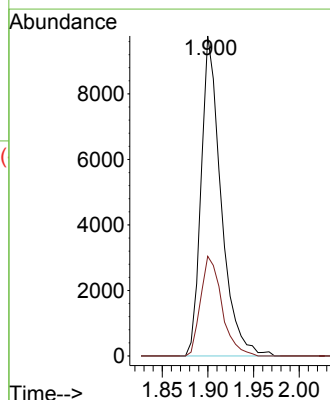
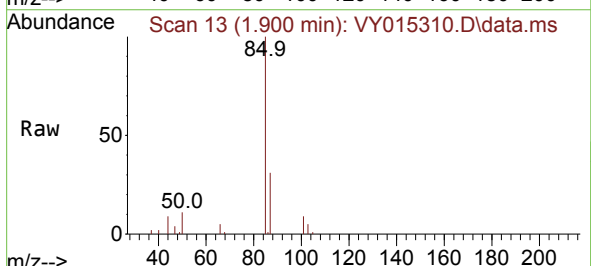
Instrument :
MSVOA_Y
ClientSampleId :

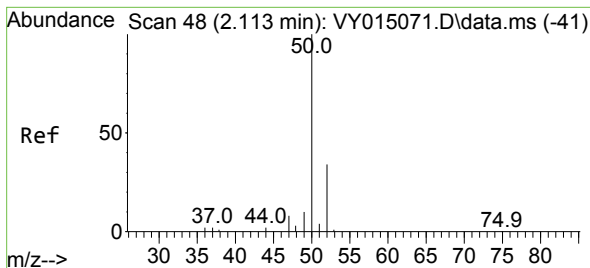
Tgt Ion:168 Resp: 156606
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.945 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 85 Resp: 14800
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8





#3

Chloromethane

Concen: 17.104 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

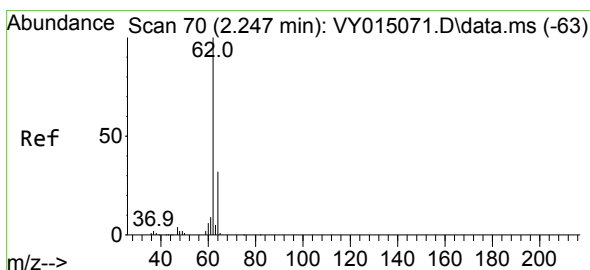
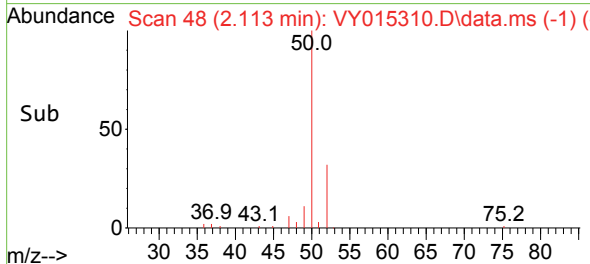
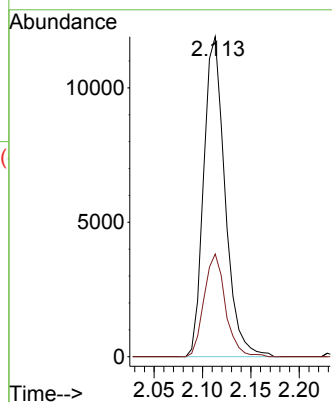
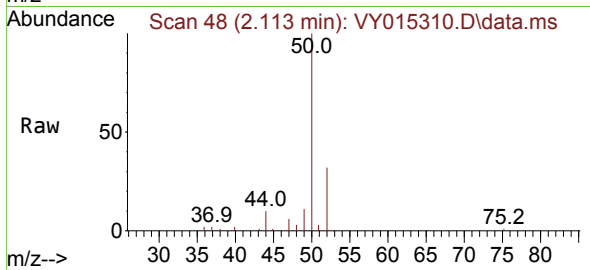
ClientSampleId :

Tgt Ion: 50 Resp: 18346

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 17.905 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015310.D

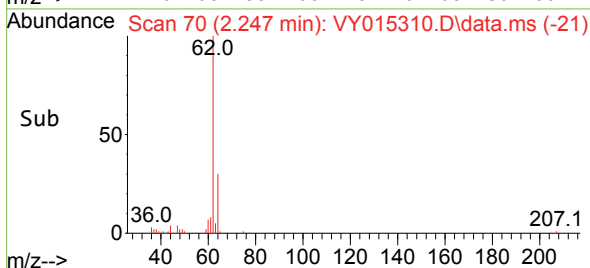
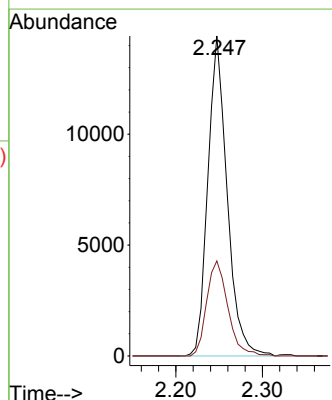
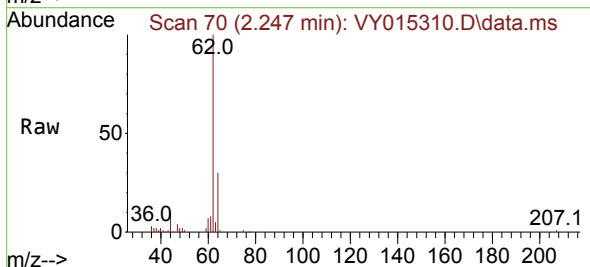
Acq: 24 Aug 2023 14:22

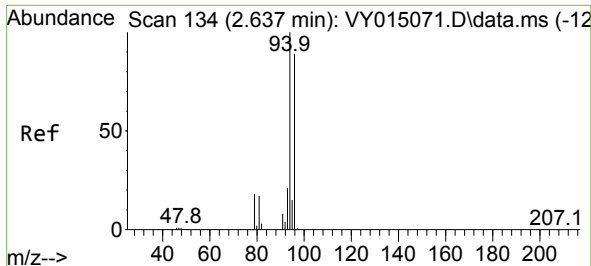
Tgt Ion: 62 Resp: 22312

Ion Ratio Lower Upper

62 100

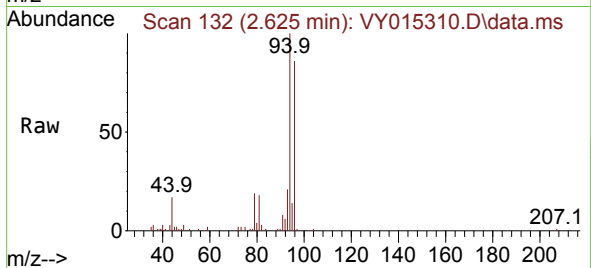
64 29.7 24.3 36.5



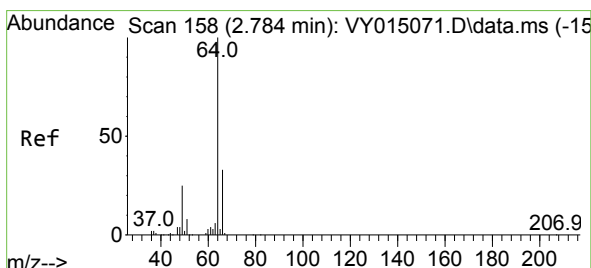
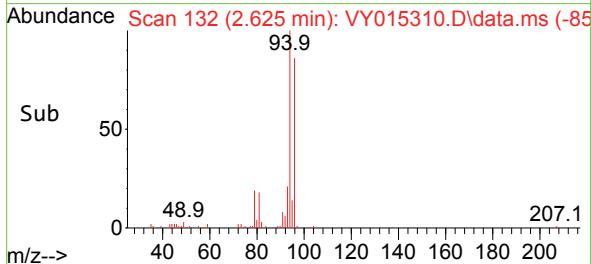
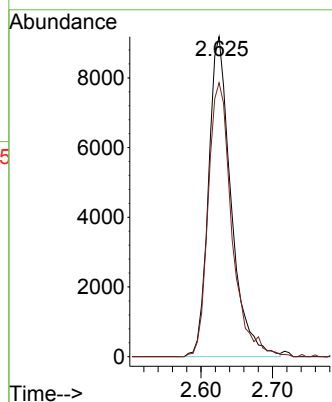


#5
Bromomethane
Concen: 20.918 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

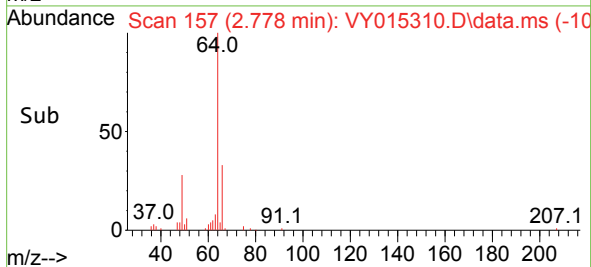
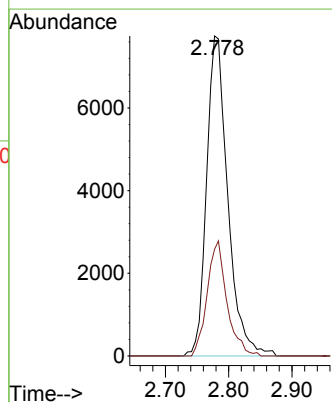
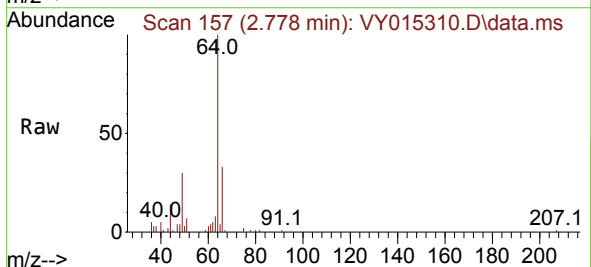


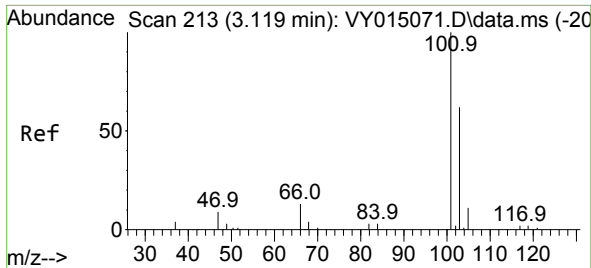
Tgt Ion: 94 Resp: 20094
Ion Ratio Lower Upper
94 100
96 85.6 75.8 113.6



#6
Chloroethane
Concen: 19.936 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 64 Resp: 18037
Ion Ratio Lower Upper
64 100
66 33.4 24.4 36.6

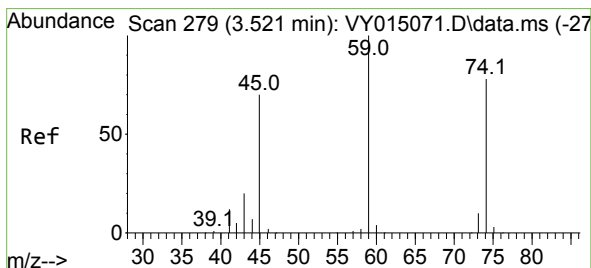
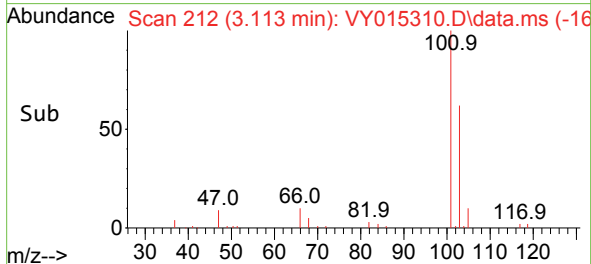
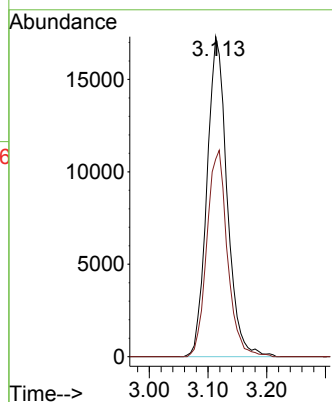
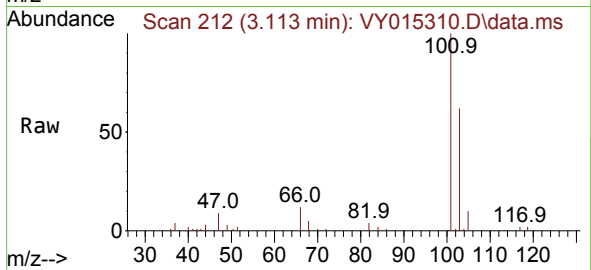




#7
Trichlorofluoromethane
Concen: 19.672 ug/l
RT: 3.113 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

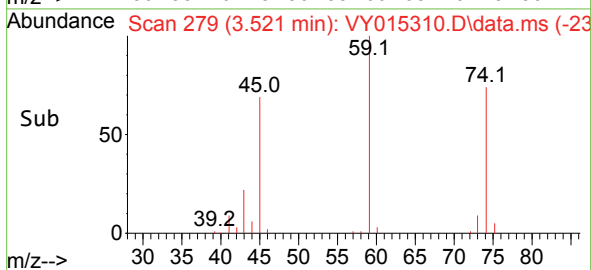
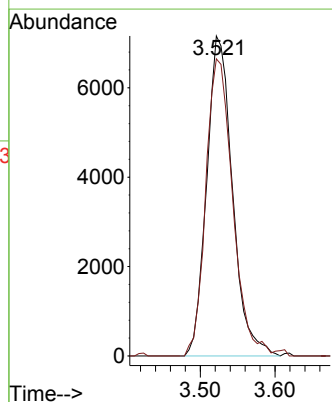
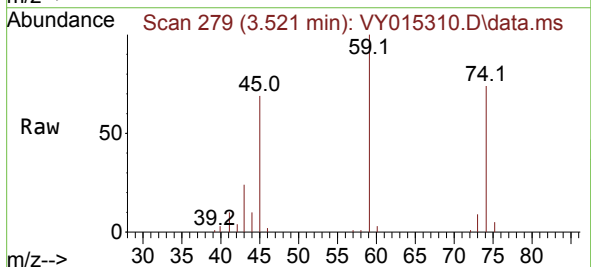
Instrument :
MSVOA_Y
ClientSampleId :

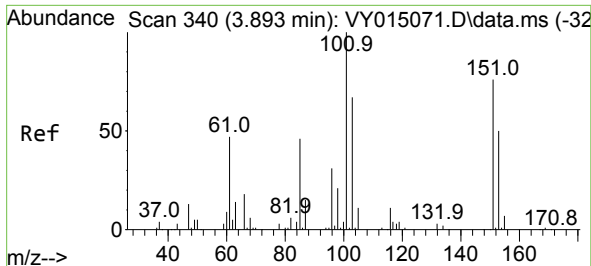
Tgt Ion:101 Resp: 41308
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.0



#8
Diethyl Ether
Concen: 20.864 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 74 Resp: 17182
Ion Ratio Lower Upper
74 100
45 97.0 51.5 154.5

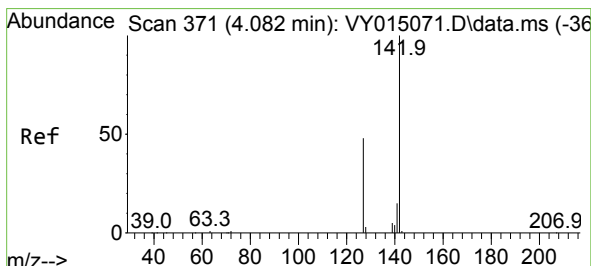
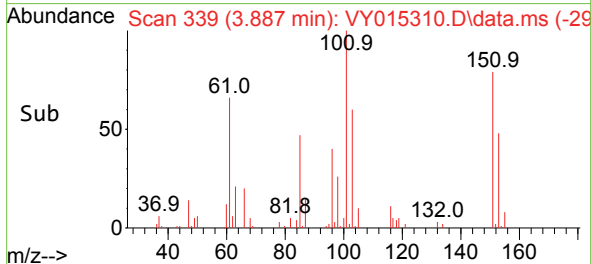
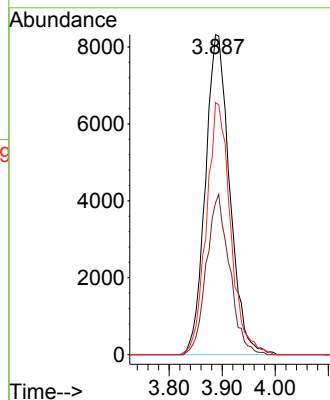
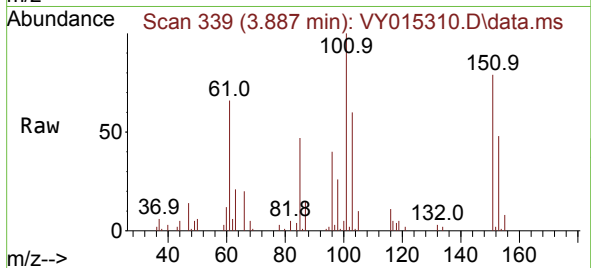




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.324 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

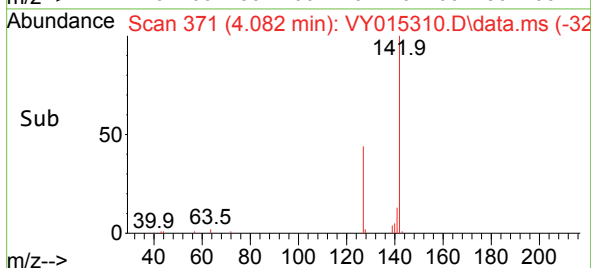
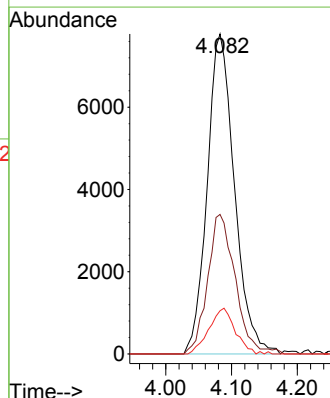
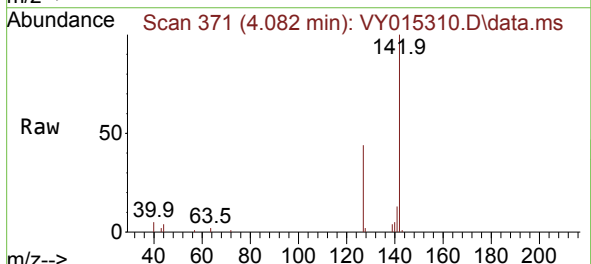
Instrument :
MSVOA_Y
ClientSampleId :

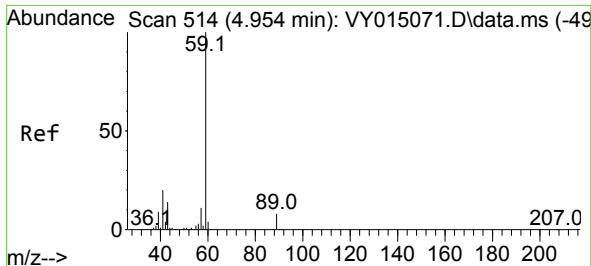
Tgt Ion:101 Resp: 26523
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 78.0 67.0 100.6



#10
Methyl Iodide
Concen: 17.503 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

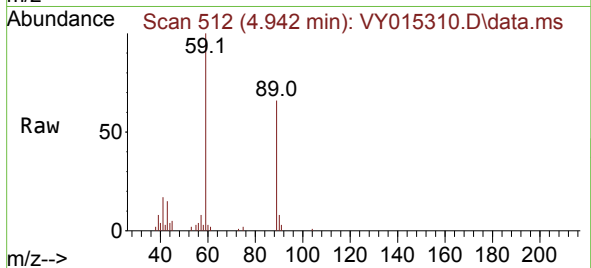
Tgt Ion:142 Resp: 22429
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 13.9 11.8 17.8



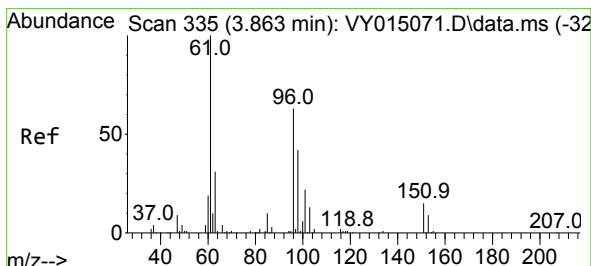
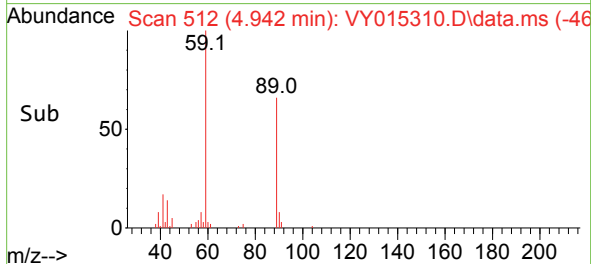
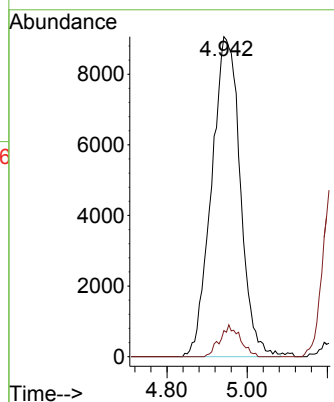


#11
Tert butyl alcohol
Concen: 137.993 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

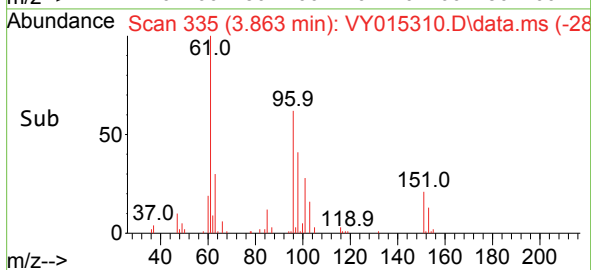
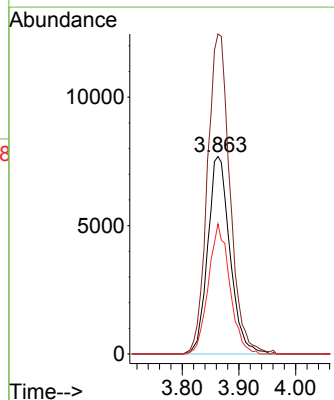
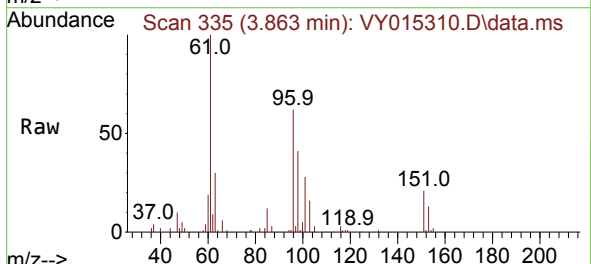


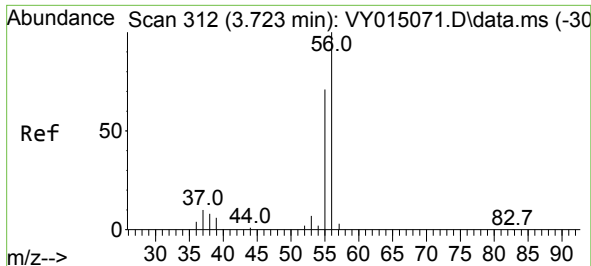
Tgt Ion: 59 Resp: 44956
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.197 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

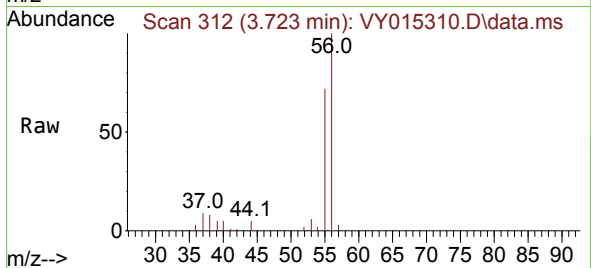
Tgt Ion: 96 Resp: 20920
Ion Ratio Lower Upper
96 100
61 162.0 136.4 204.6
98 65.9 49.4 74.2



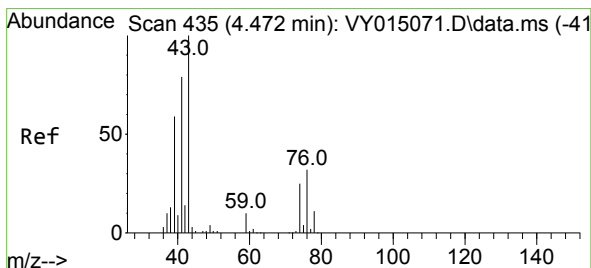
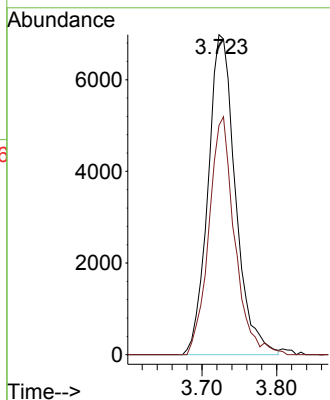
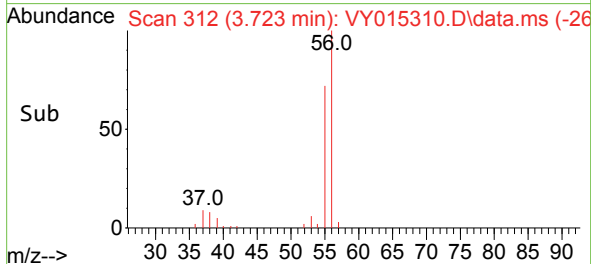


#13
Acrolein
Concen: 121.602 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

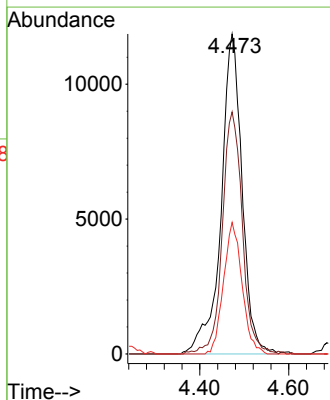
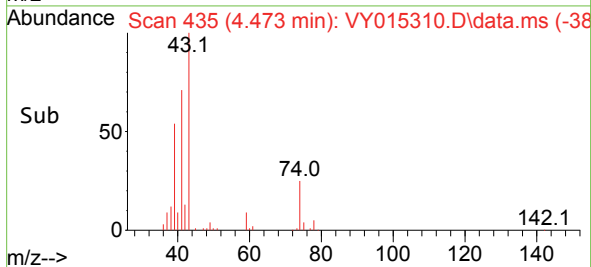
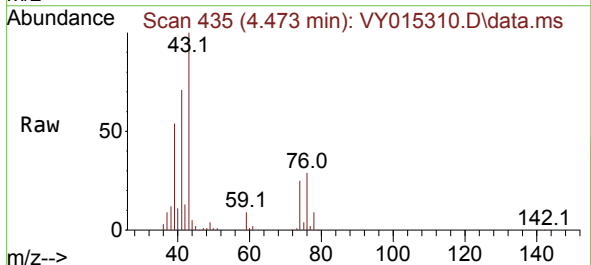


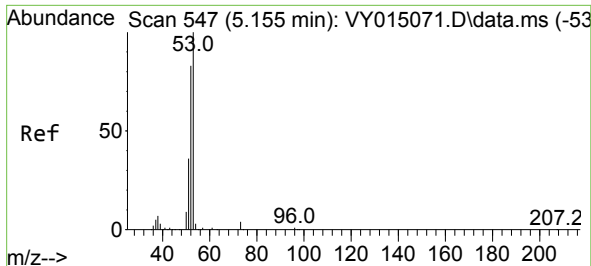
Tgt Ion: 56 Resp: 17813
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4



#14
Allyl chloride
Concen: 20.095 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

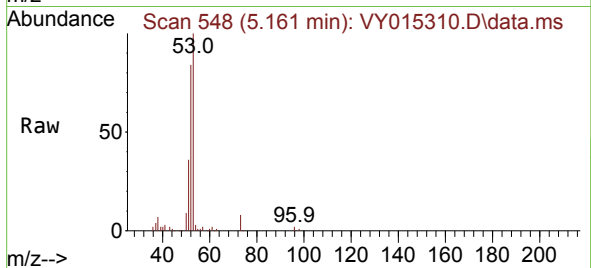
Tgt Ion: 41 Resp: 38825
Ion Ratio Lower Upper
41 100
39 71.9 58.0 87.0
76 36.3 27.4 41.2



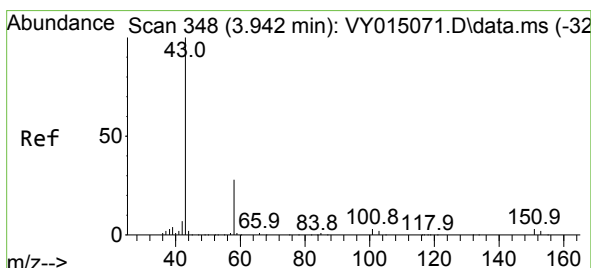
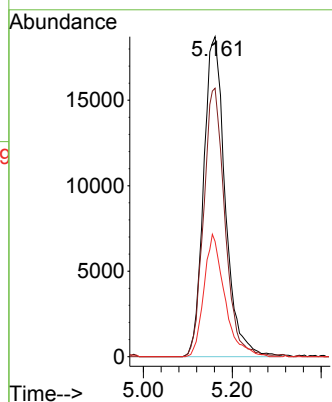
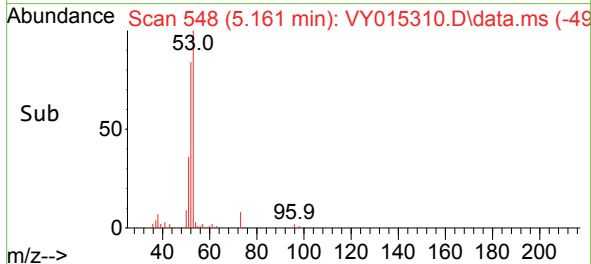


#15
Acrylonitrile
Concen: 113.234 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

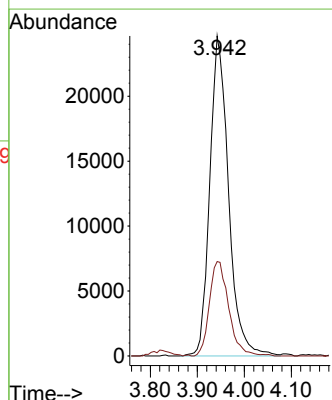
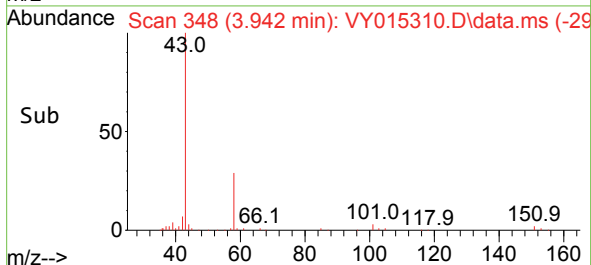
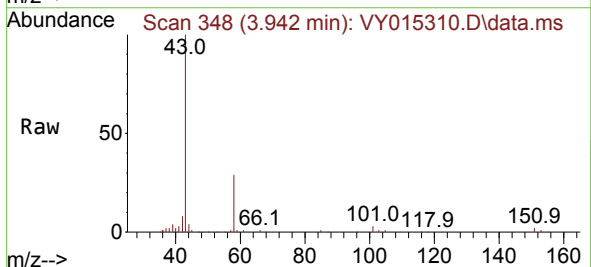


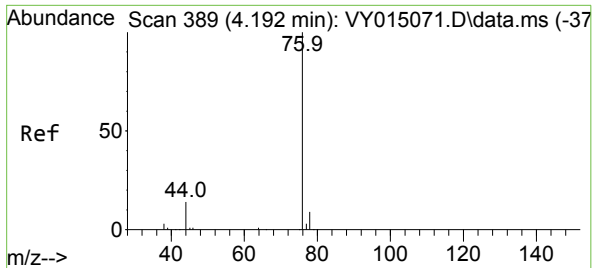
Tgt Ion: 53 Resp: 63194
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 111.026 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 43 Resp: 68185
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1

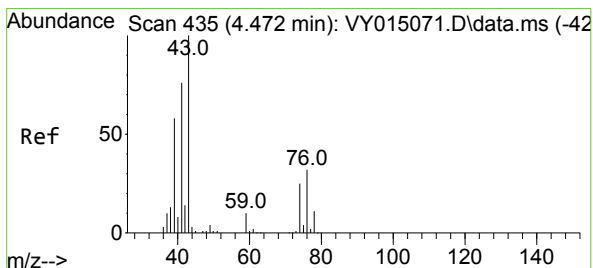
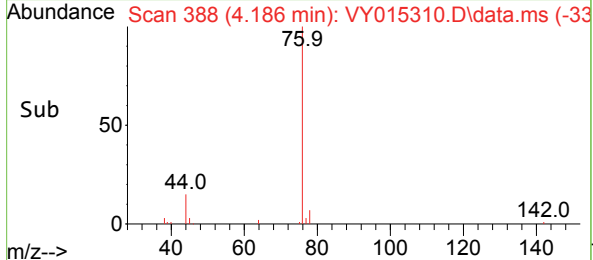
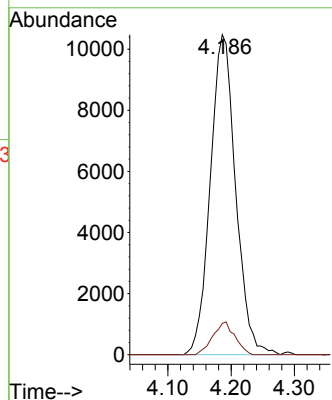
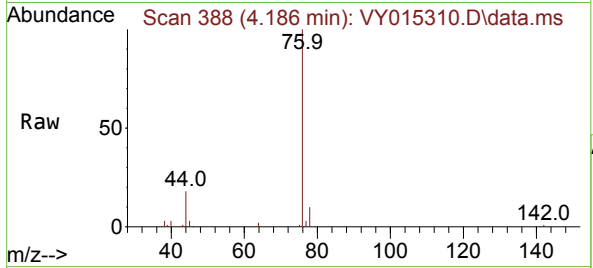




#17
Carbon Disulfide
Concen: 15.189 ug/l
RT: 4.186 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

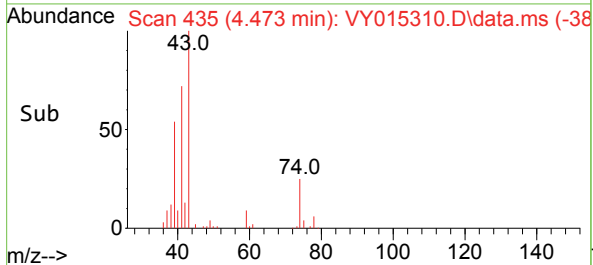
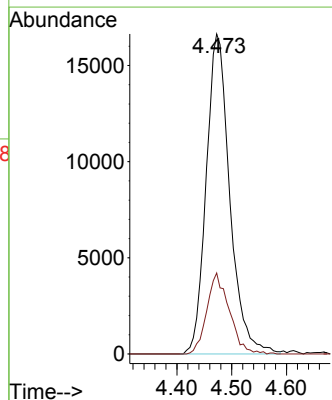
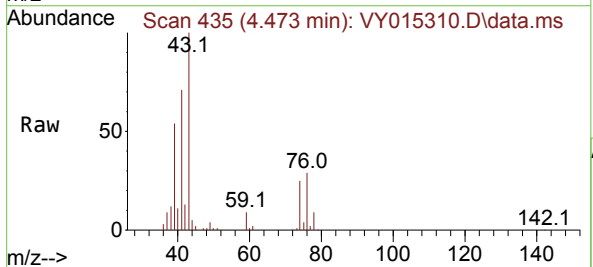
Instrument :
MSVOA_Y
ClientSampleId :

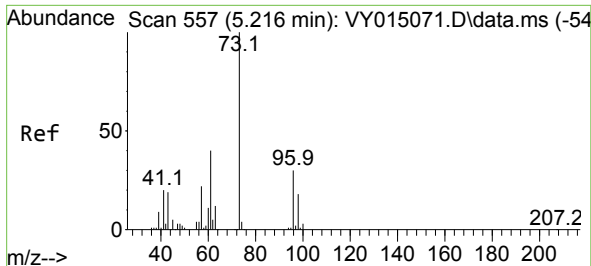
Tgt Ion: 76 Resp: 29130
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 22.053 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 43 Resp: 49632
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.250 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

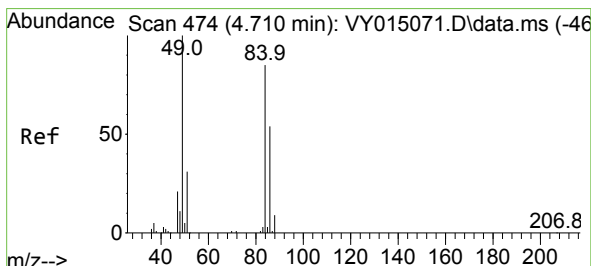
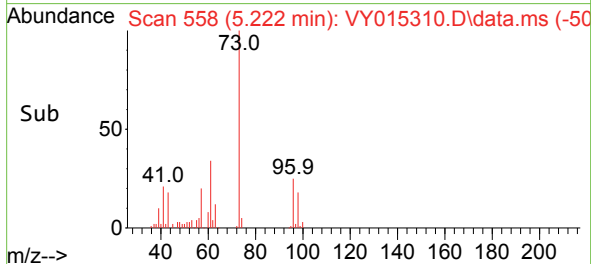
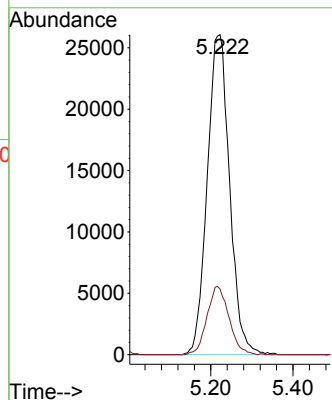
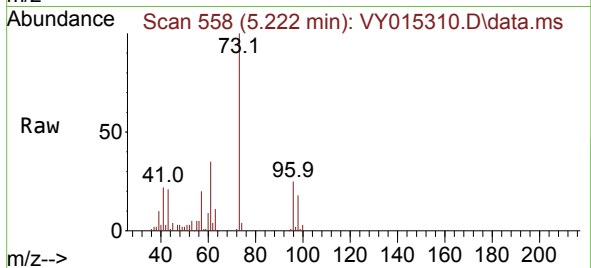
ClientSampleId :

Tgt Ion: 73 Resp: 98462

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 27.288 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Tgt Ion: 84 Resp: 43071

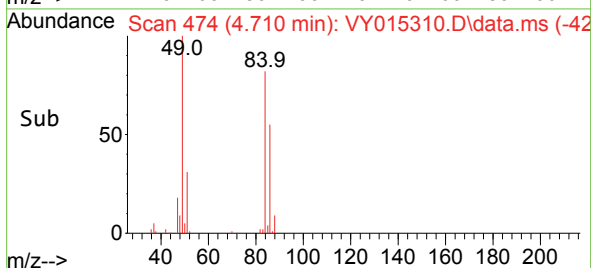
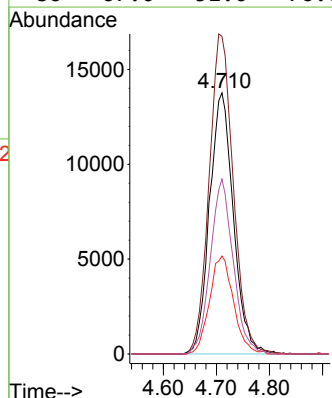
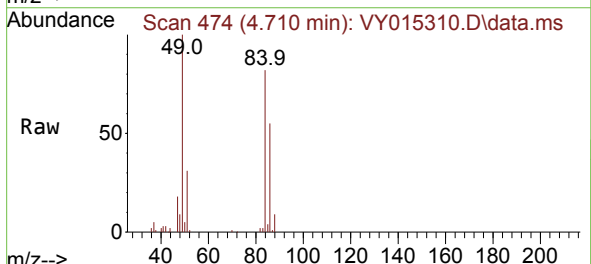
Ion Ratio Lower Upper

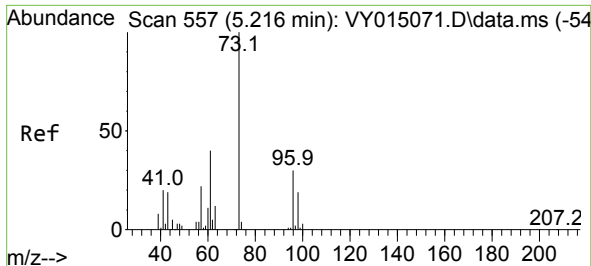
84 100

49 121.6 106.9 160.3

51 37.5 33.2 49.8

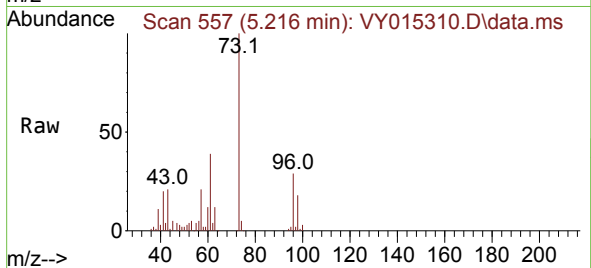
86 67.0 51.0 76.6



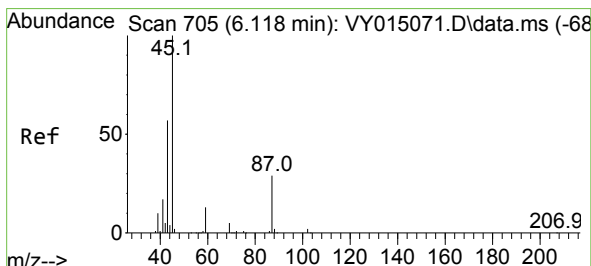
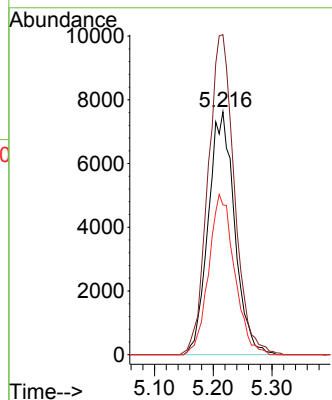
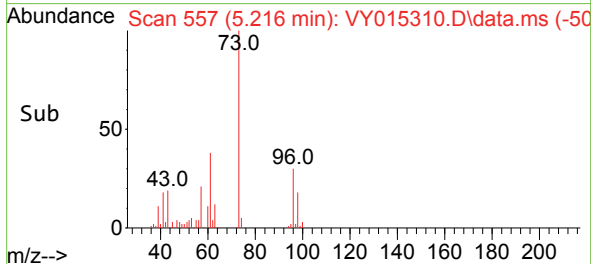


#21
trans-1,2-Dichloroethene
Concen: 19.258 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

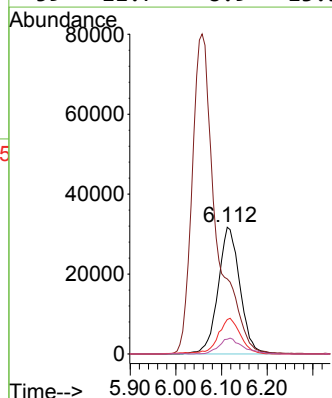
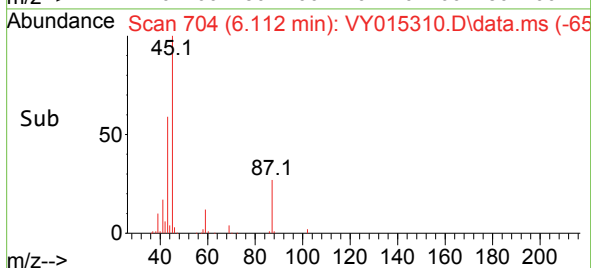
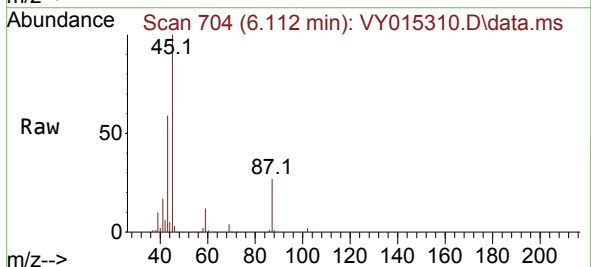


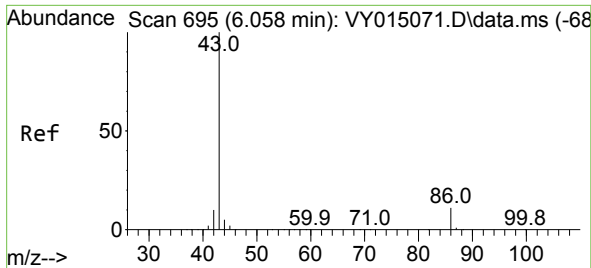
Tgt Ion: 96 Resp: 23672
Ion Ratio Lower Upper
96 100
61 131.8 110.2 165.4
98 61.7 51.8 77.6



#22
Diisopropyl ether
Concen: 21.856 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 45 Resp: 105366
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 27.1 21.0 31.6
59 11.7 8.9 13.3

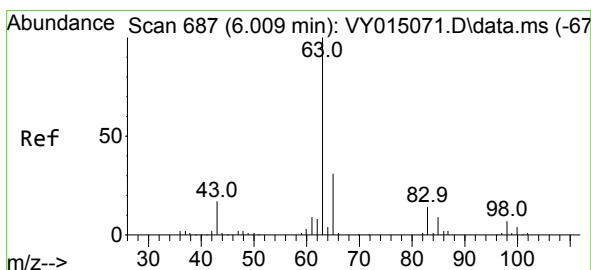
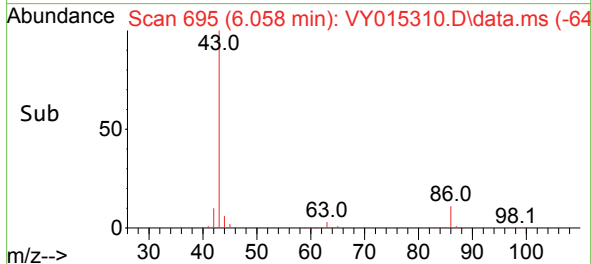
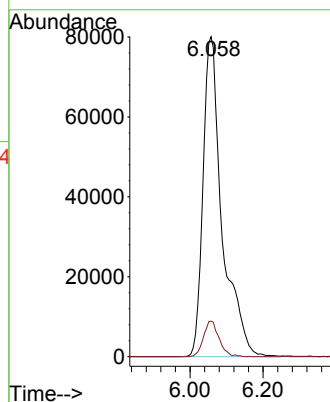
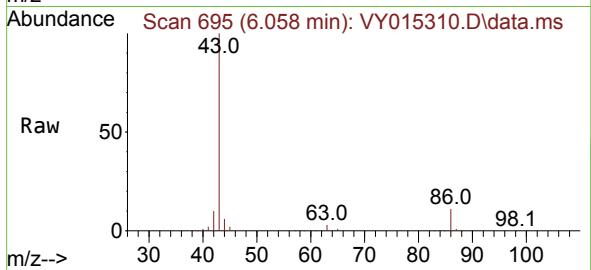




#23
 Vinyl Acetate
 Concen: 101.094 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015310.D
 Acq: 24 Aug 2023 14:22

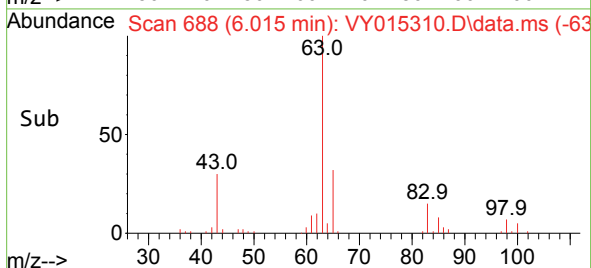
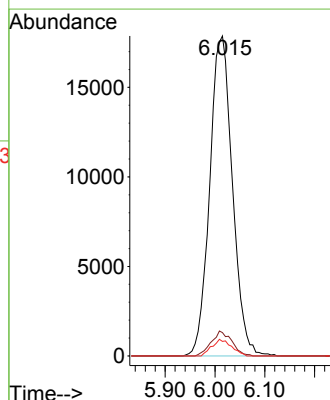
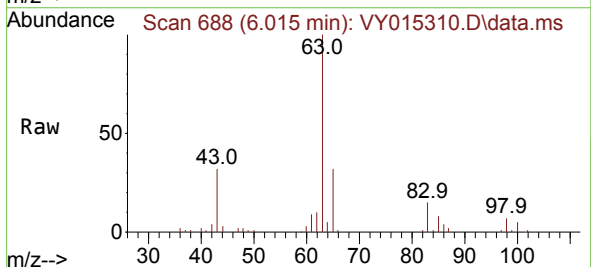
Instrument :
 MSVOA_Y
 ClientSampleId :

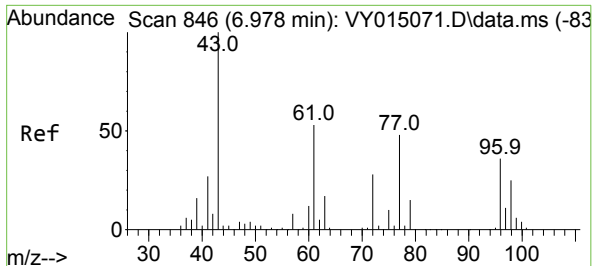
Tgt Ion: 43 Resp: 290811
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.664 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015310.D
 Acq: 24 Aug 2023 14:22

Tgt Ion: 63 Resp: 56545
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 111.057 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

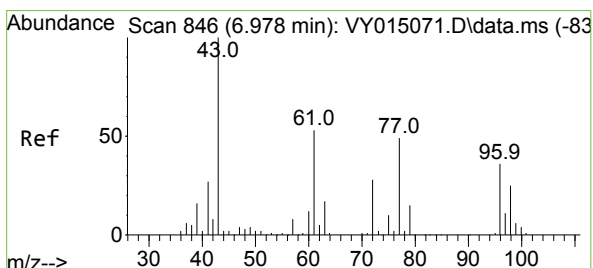
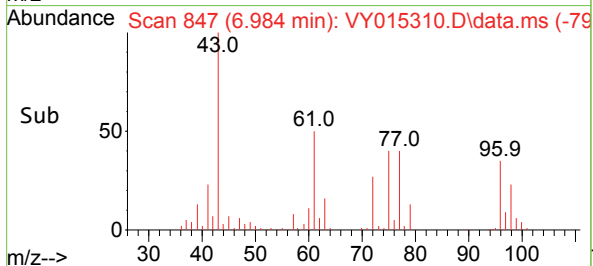
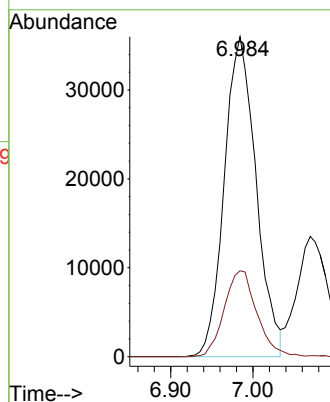
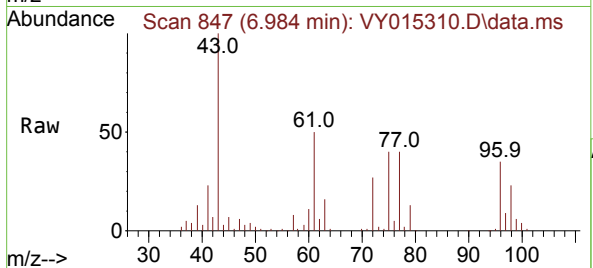
ClientSampleId :

Tgt Ion: 43 Resp: 96570

Ion Ratio Lower Upper

43 100

72 26.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.921 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015310.D

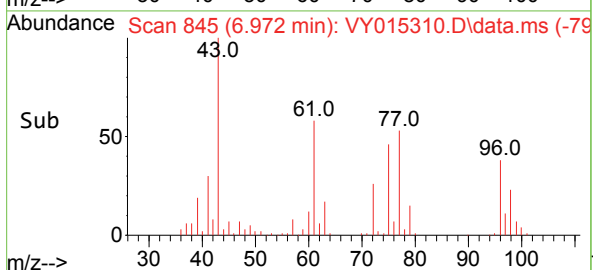
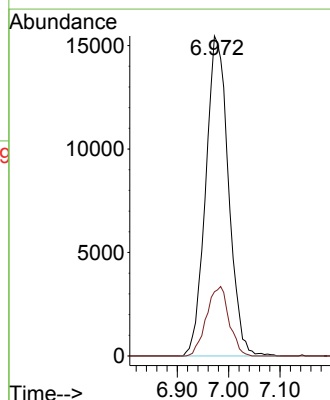
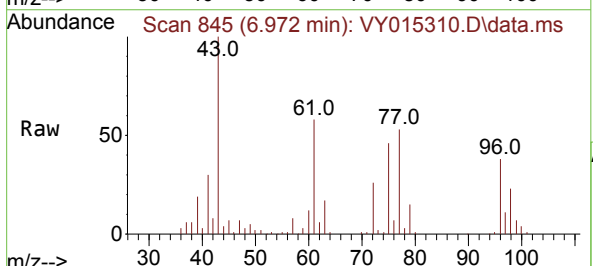
Acq: 24 Aug 2023 14:22

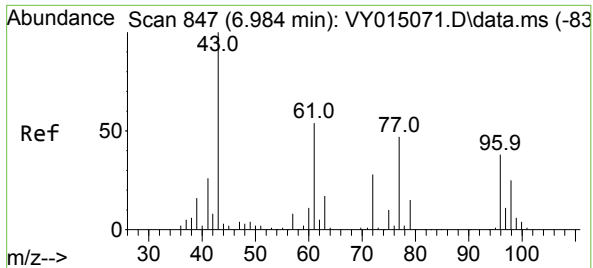
Tgt Ion: 77 Resp: 47607

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.938 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

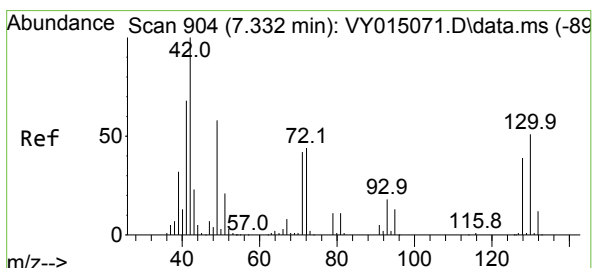
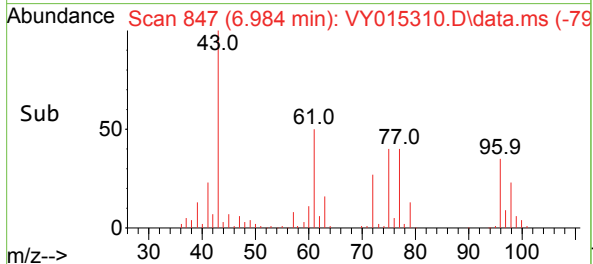
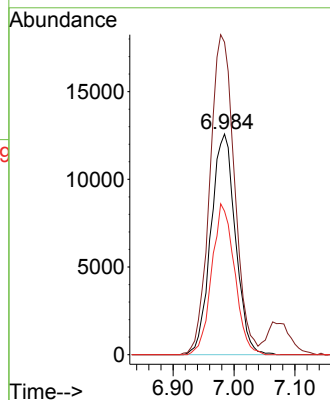
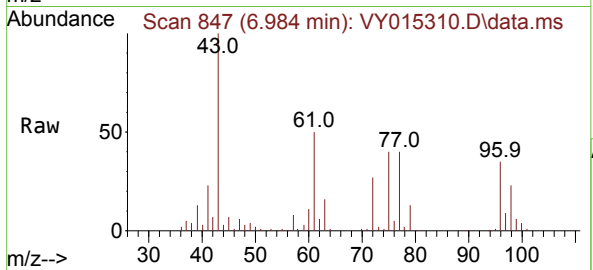
Tgt Ion: 96 Resp: 35157

Ion Ratio Lower Upper

96 100

61 146.1 0.0 301.4

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 22.808 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

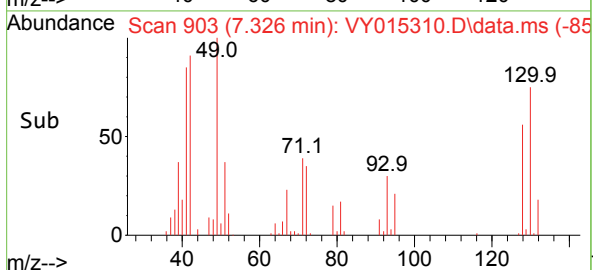
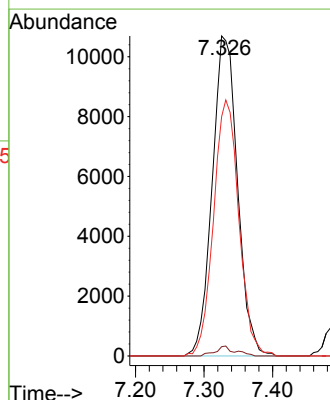
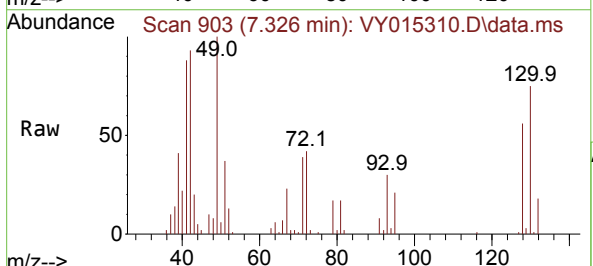
Tgt Ion: 49 Resp: 27350

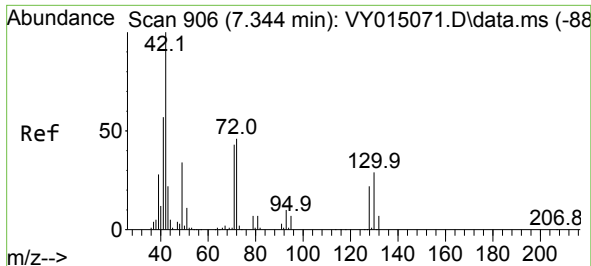
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 80.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 108.339 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

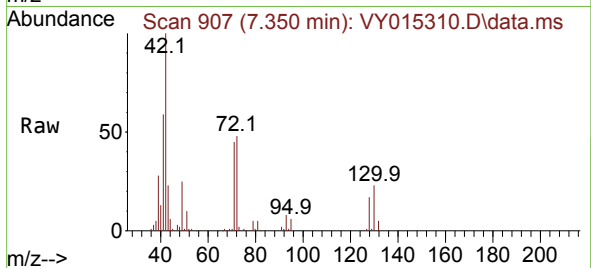
Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

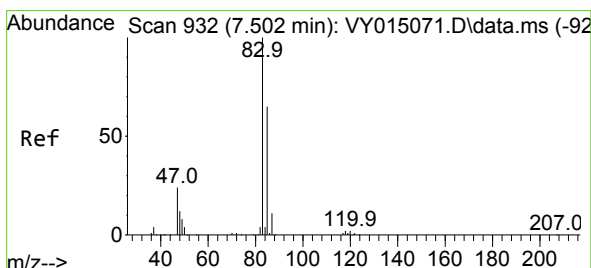
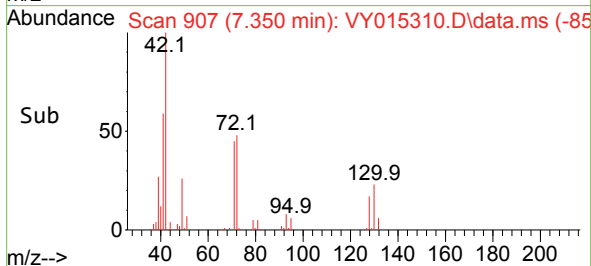
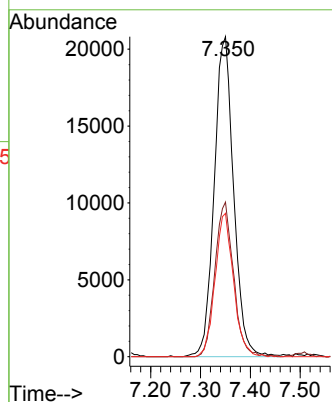
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	56330
Ion	Ratio	Lower	Upper
42	100		
72	46.3	32.8	49.2
71	42.5	31.0	46.4



#30

Chloroform

Concen: 21.310 ug/l

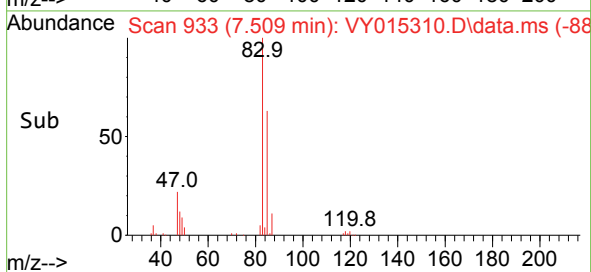
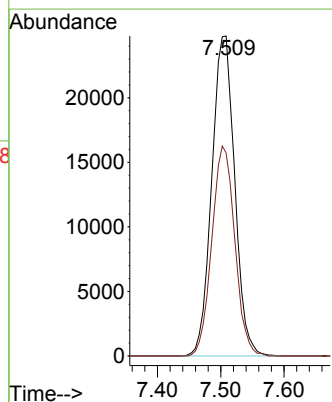
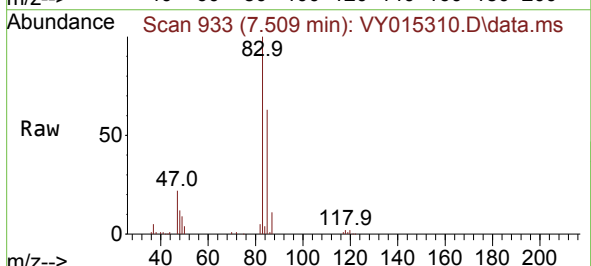
RT: 7.509 min Scan# 933

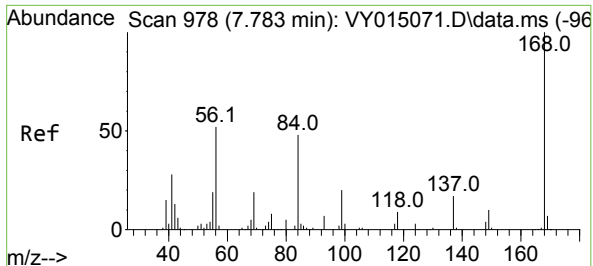
Delta R.T. 0.007 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

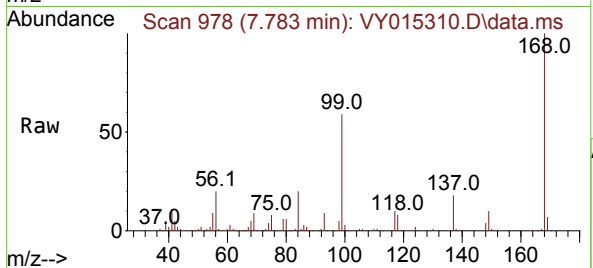
Tgt Ion:	83	Resp:	62351
Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.7	74.5



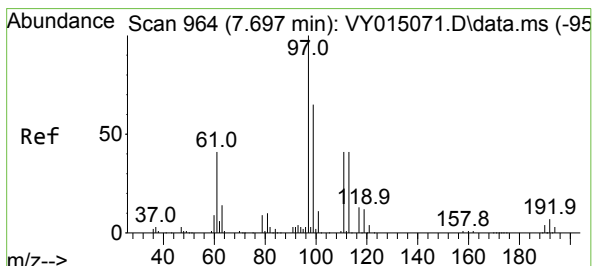
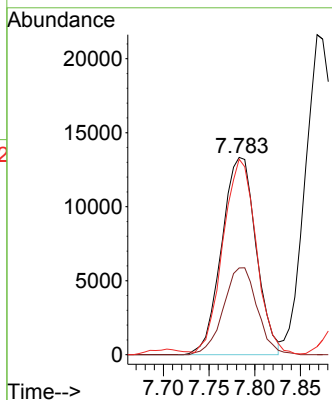
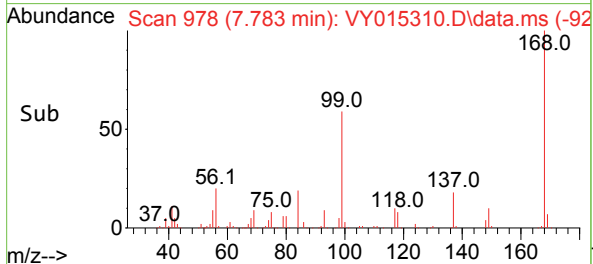


#31
Cyclohexane
Concen: 19.242 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

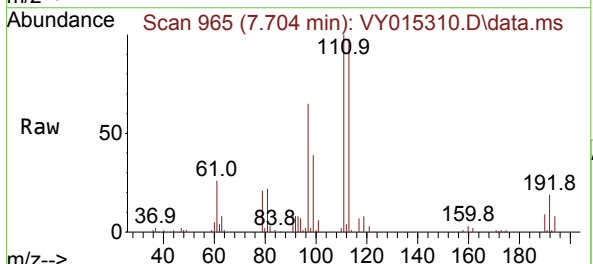
Instrument :
MSVOA_Y
ClientSampleId :



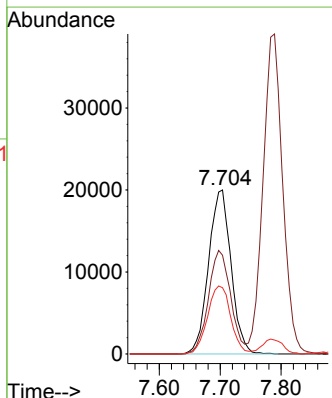
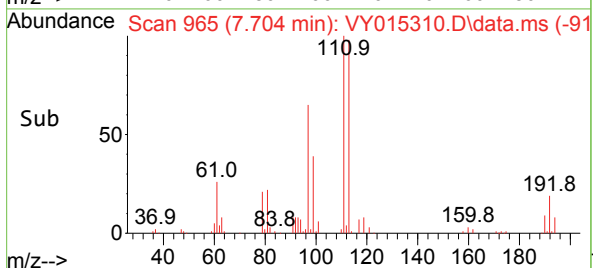
Tgt Ion: 56 Resp: 34948
Ion Ratio Lower Upper
56 100
69 44.0 27.8 41.6#
84 97.1 66.4 99.6

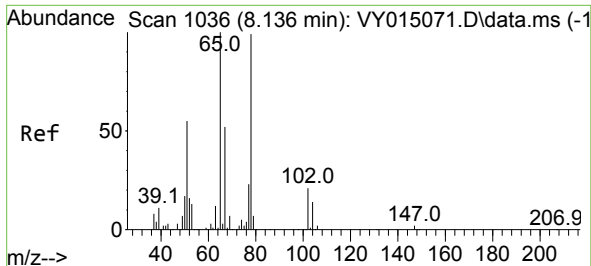


#32
1,1,1-Trichloroethane
Concen: 20.571 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22



Tgt Ion: 97 Resp: 51217
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.821 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

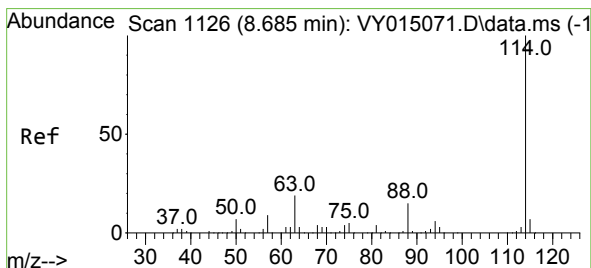
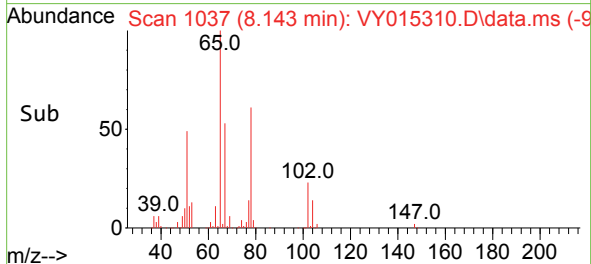
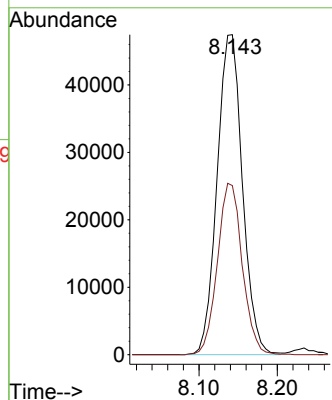
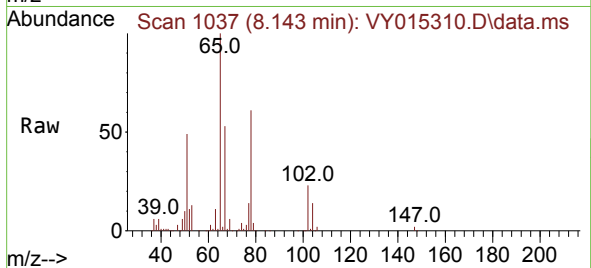
ClientSampleId :

Tgt Ion: 65 Resp: 106819

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

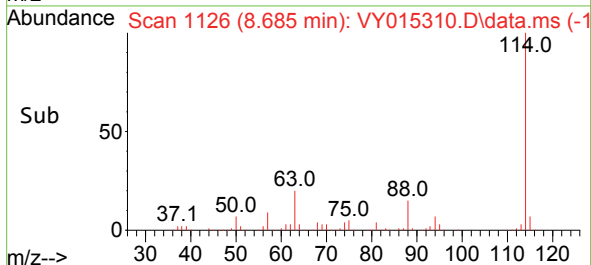
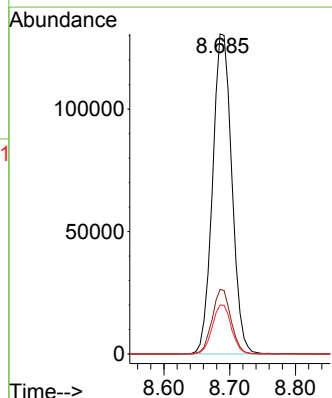
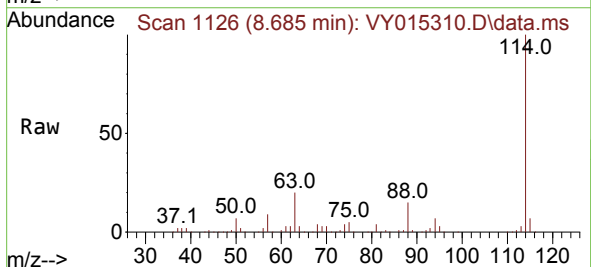
Tgt Ion:114 Resp: 266660

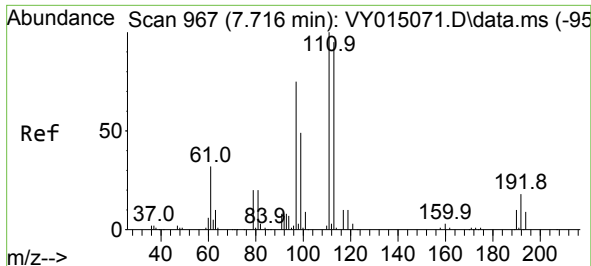
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.3 0.0 30.6

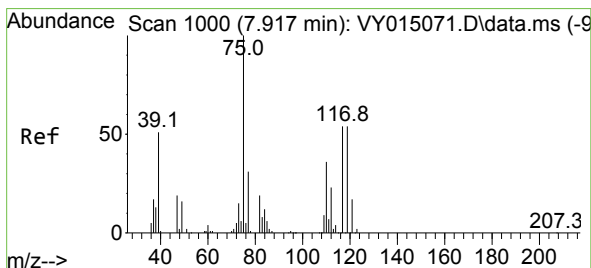
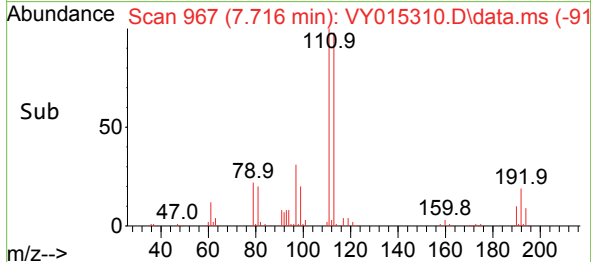
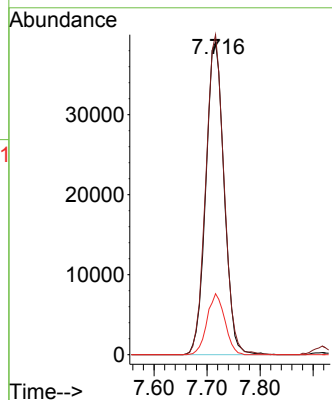
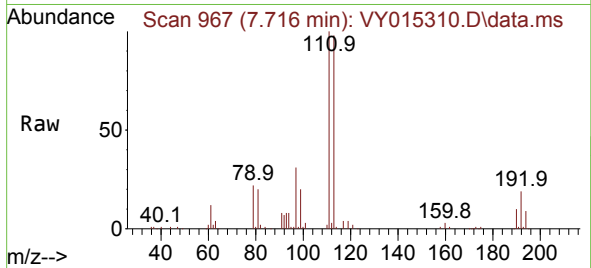




#35
Dibromofluoromethane
Concen: 54.507 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

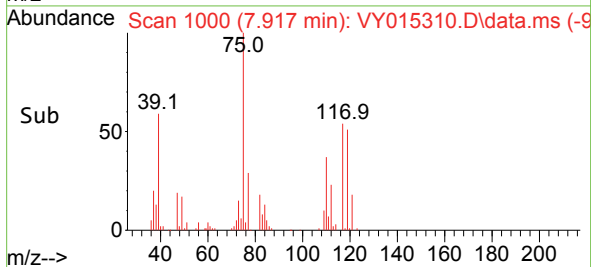
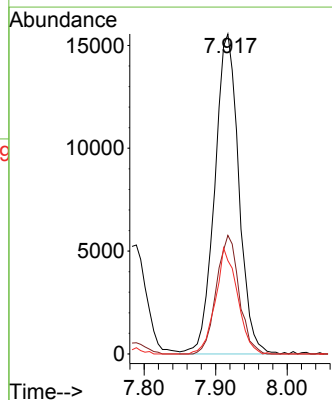
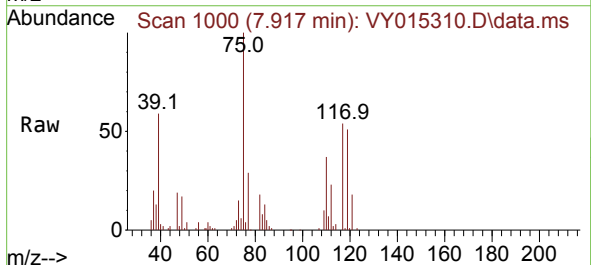
Instrument :
MSVOA_Y
ClientSampleId :

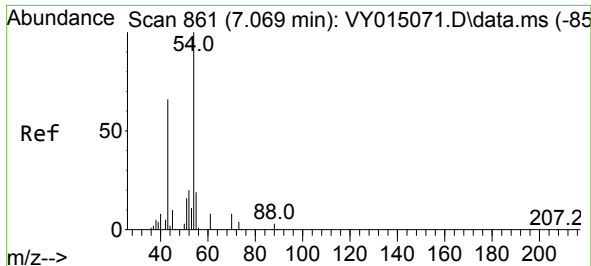
Tgt Ion:113 Resp: 93507
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.174 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 75 Resp: 36391
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.5
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 21.351 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

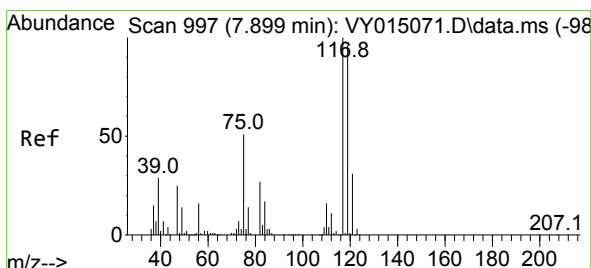
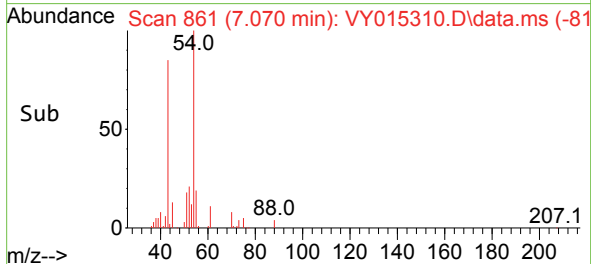
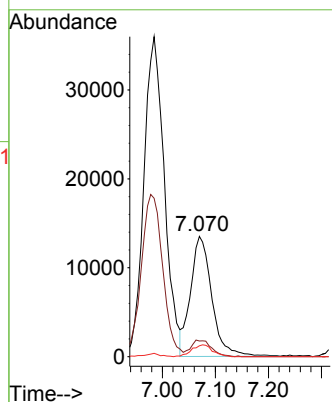
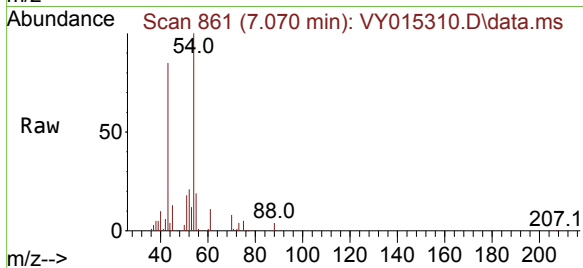
Tgt Ion: 43 Resp: 37771

Ion Ratio Lower Upper

43 100

61 13.4 10.1 15.1

70 9.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.541 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

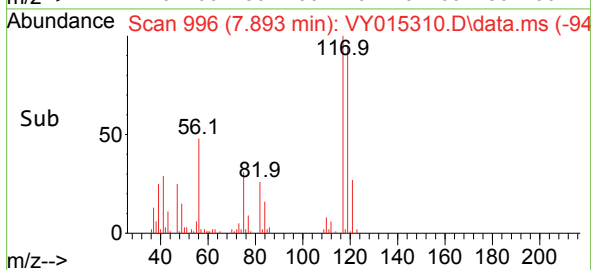
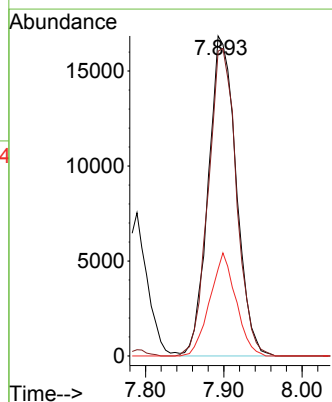
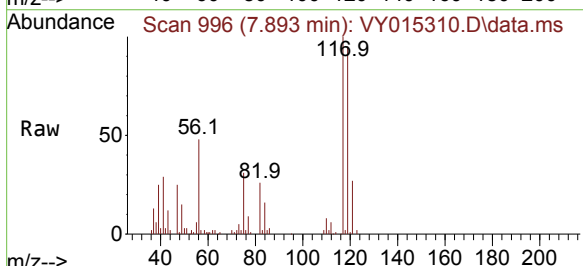
Tgt Ion: 117 Resp: 41645

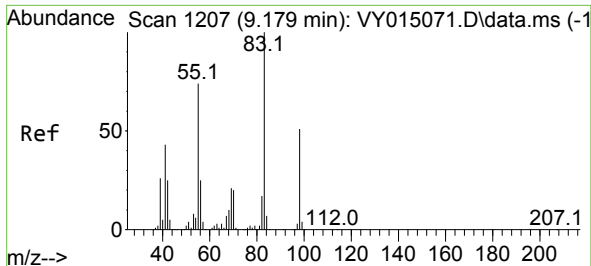
Ion Ratio Lower Upper

117 100

119 95.3 76.4 114.6

121 27.2 25.8 38.6





#39

Methylcyclohexane

Concen: 17.891 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

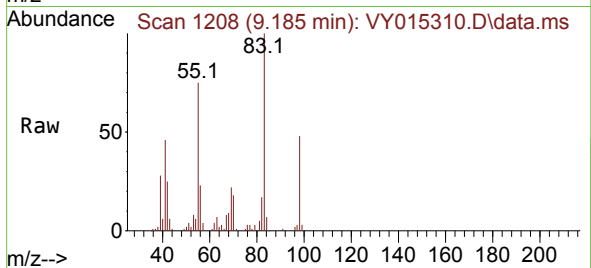
Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :



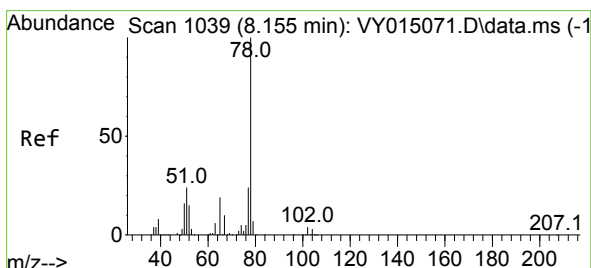
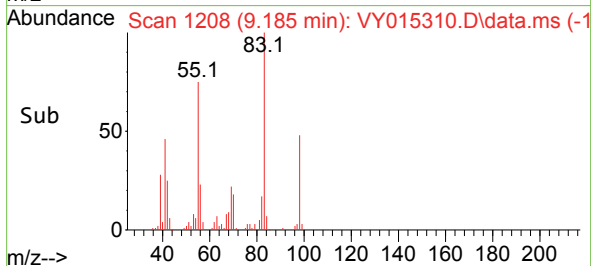
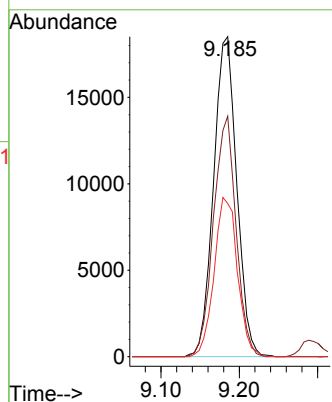
Tgt Ion: 83 Resp: 38065

Ion Ratio Lower Upper

83 100

55 75.2 63.0 94.4

98 47.8 37.4 56.2



#40

Benzene

Concen: 20.222 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015310.D

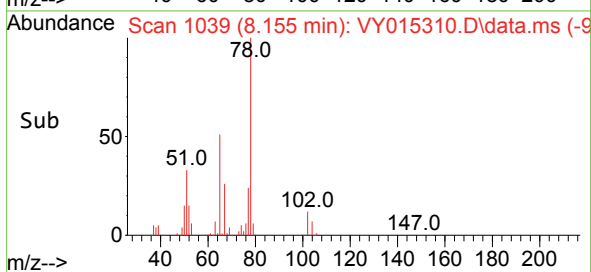
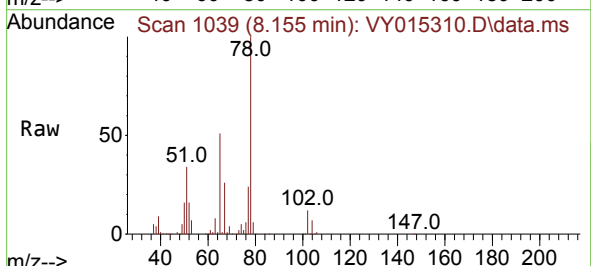
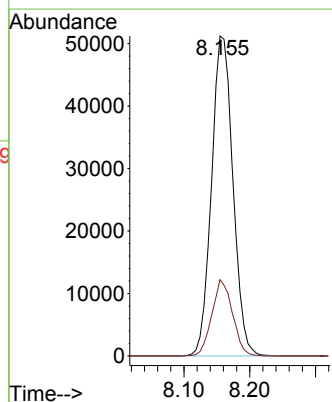
Acq: 24 Aug 2023 14:22

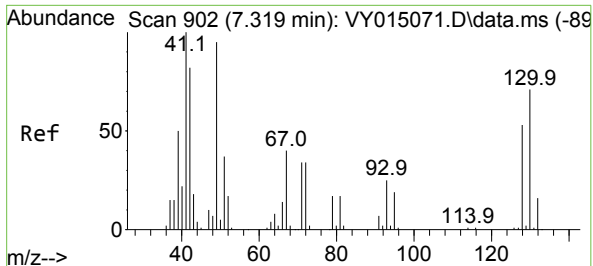
Tgt Ion: 78 Resp: 116036

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6



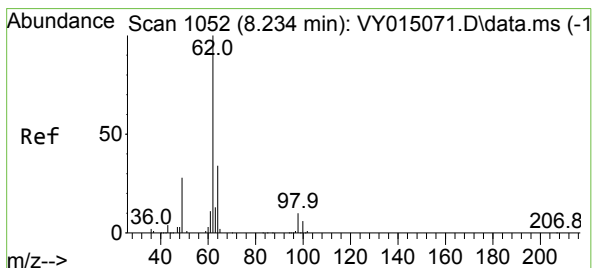
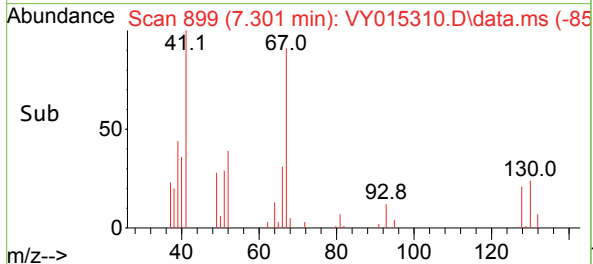
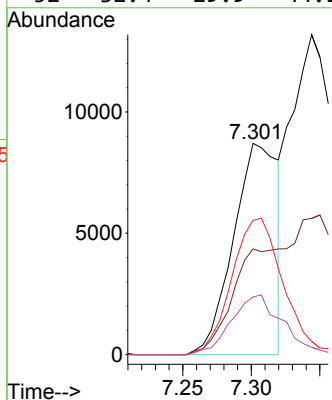
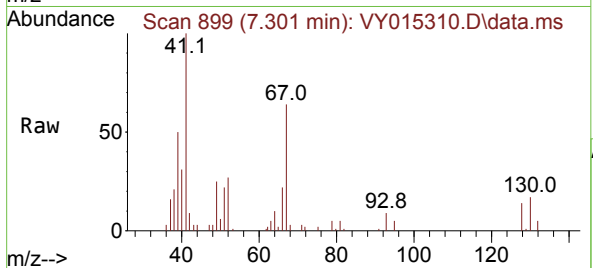


#41
Methacrylonitrile
Concen: 21.469 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 19585

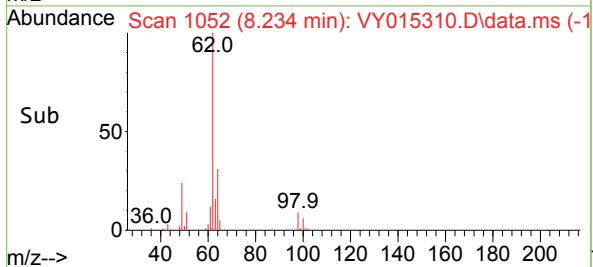
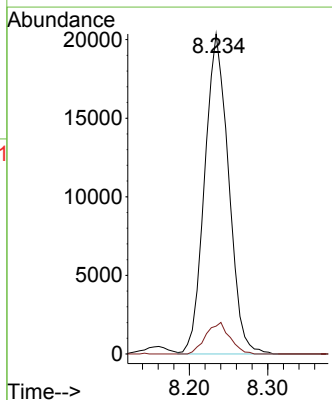
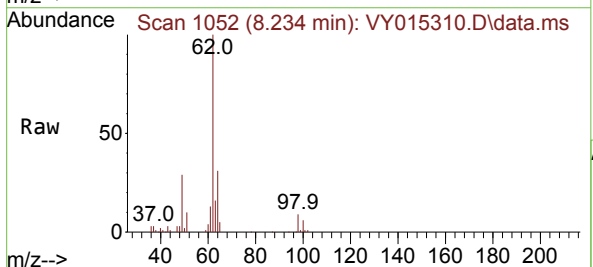
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	74.6	66.2	99.2
52	32.4	29.9	44.9

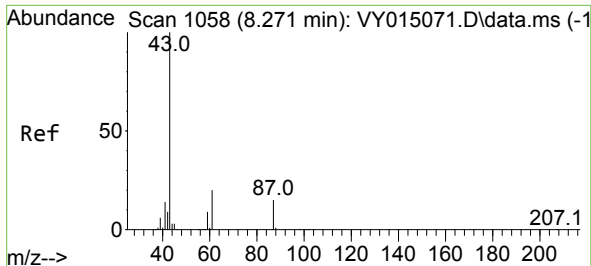


#42
1,2-Dichloroethane
Concen: 20.735 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 62 Resp: 43211

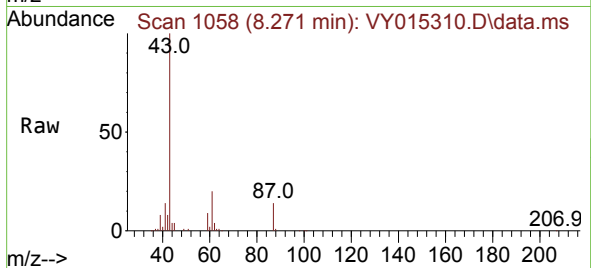
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8



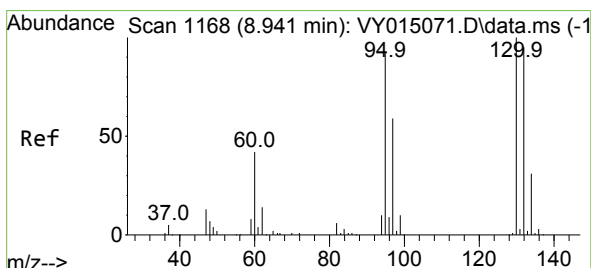
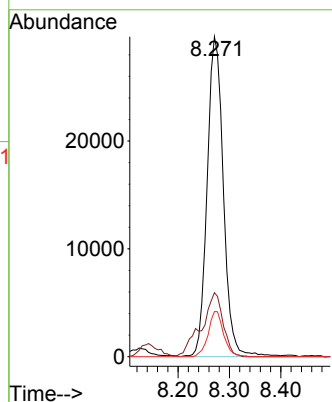
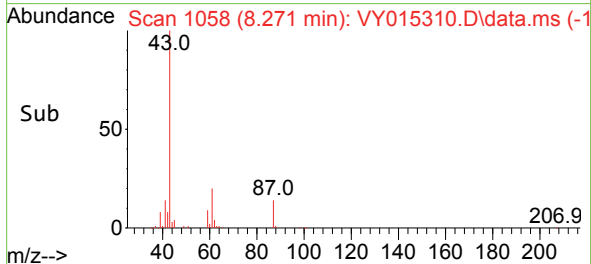


#43
Isopropyl Acetate
Concen: 20.187 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

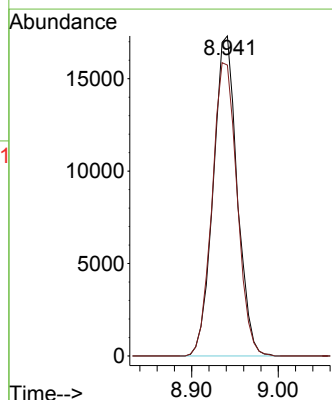
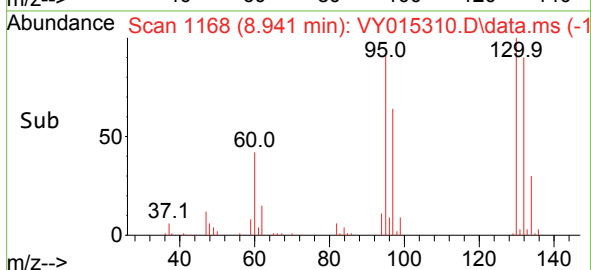
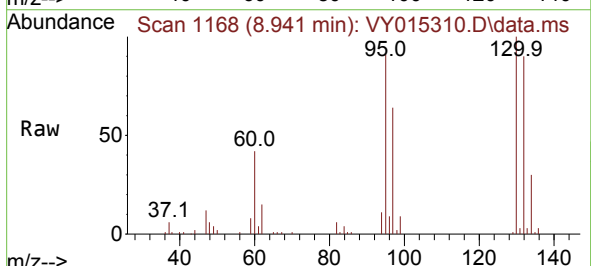


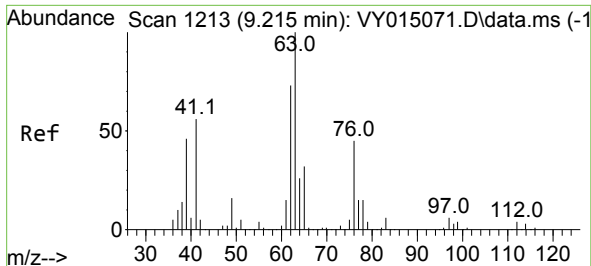
Tgt Ion: 43 Resp: 65035
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 13.4 9.8 14.8



#44
Trichloroethene
Concen: 20.095 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion:130 Resp: 33219
Ion Ratio Lower Upper
130 100
95 90.9 0.0 196.0

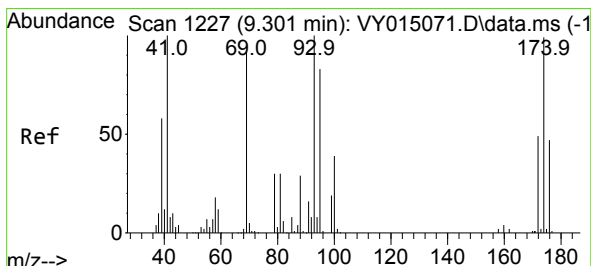
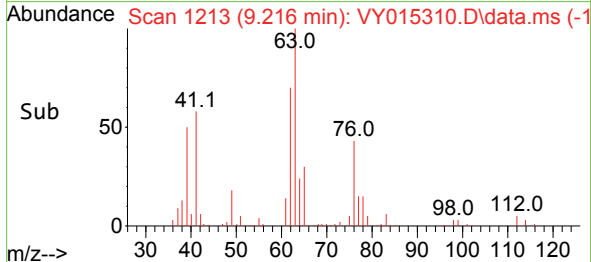
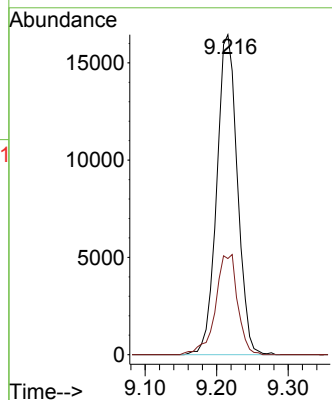
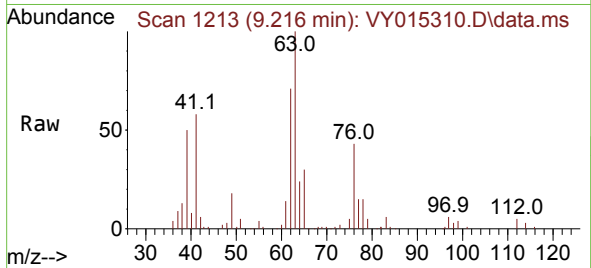




#45
1,2-Dichloropropane
Concen: 20.401 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

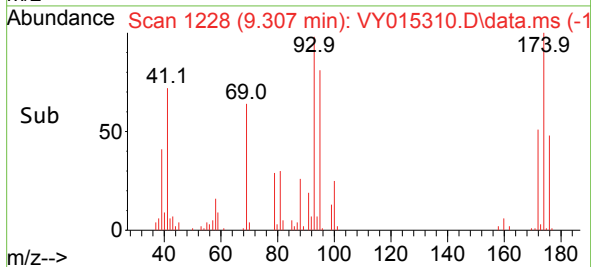
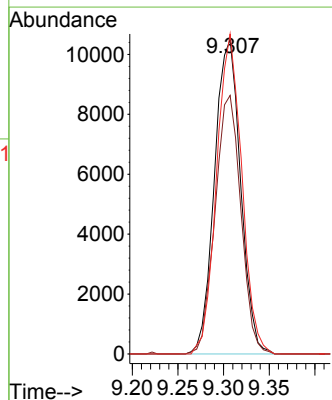
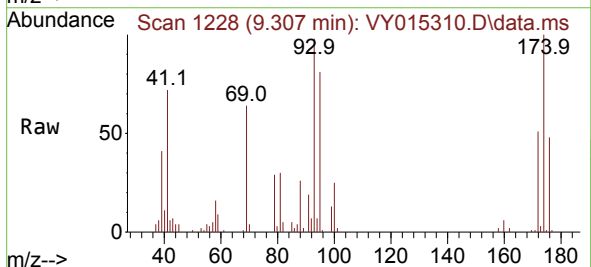
Instrument :
MSVOA_Y
ClientSampleId :

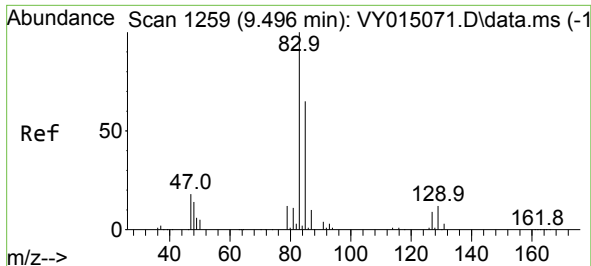
Tgt Ion: 63 Resp: 33010
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 20.377 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 93 Resp: 20795
Ion Ratio Lower Upper
93 100
95 81.4 66.6 100.0
174 98.2 84.8 127.2

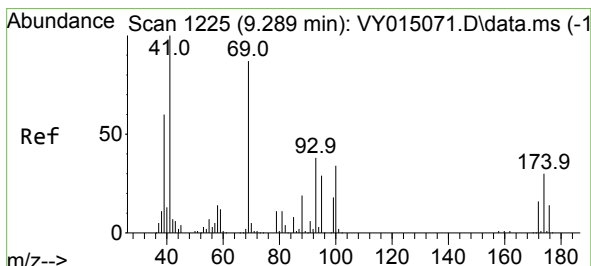
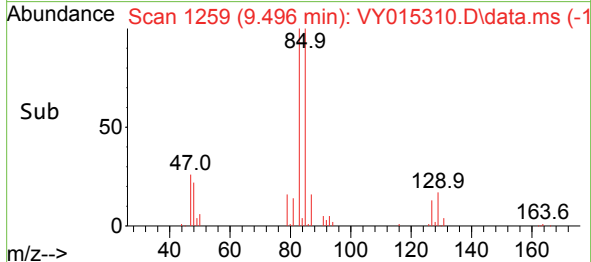
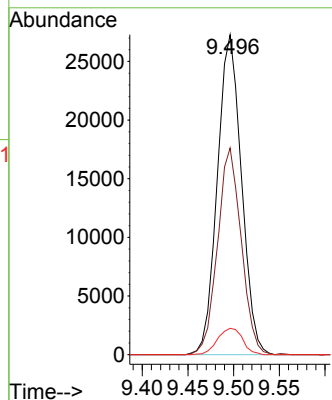
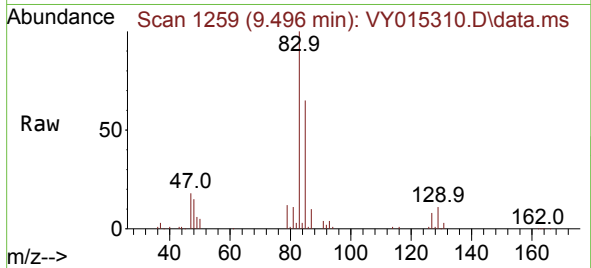




#47
Bromodichloromethane
Concen: 20.542 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

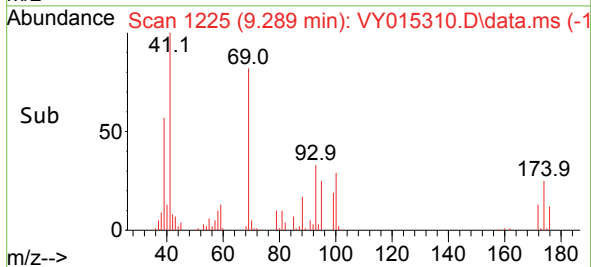
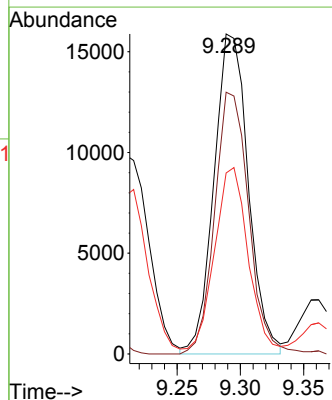
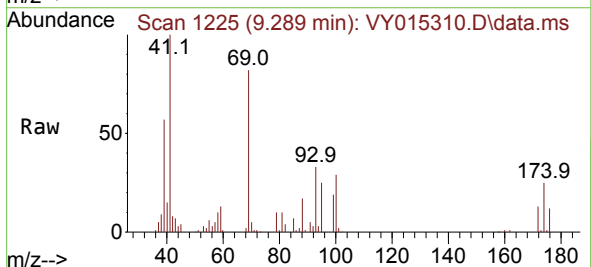
Instrument :
MSVOA_Y
ClientSampleId :

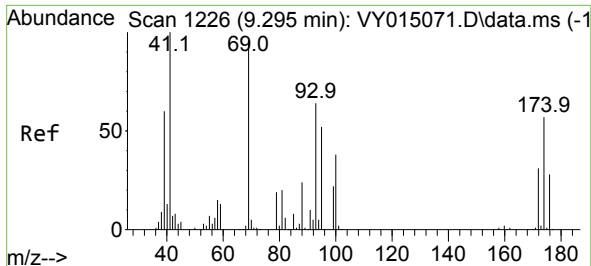
Tgt Ion: 83 Resp: 50025
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 21.753 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 41 Resp: 29978
Ion Ratio Lower Upper
41 100
69 81.3 64.5 96.7
39 57.8 50.8 76.2





#49

1,4-Dioxane

Concen: 390.412 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

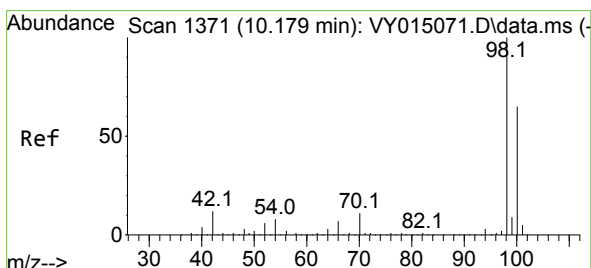
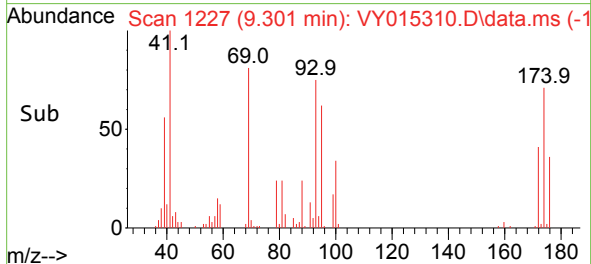
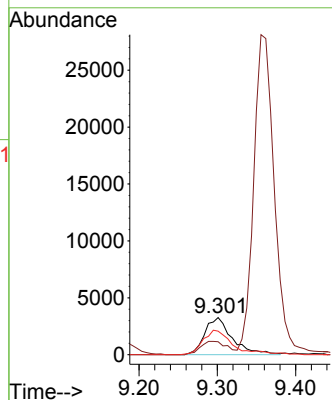
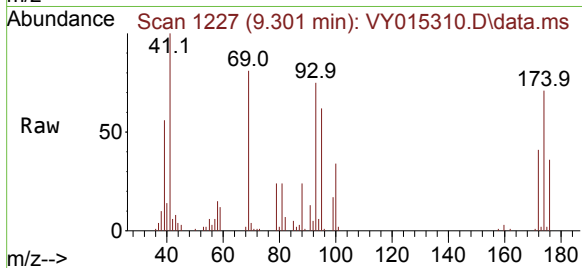
Tgt Ion: 88 Resp: 7967

Ion Ratio Lower Upper

88 100

43 35.4 0.0 0.0#

58 72.1 30.9 46.3#



#50

Toluene-d8

Concen: 52.966 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015310.D

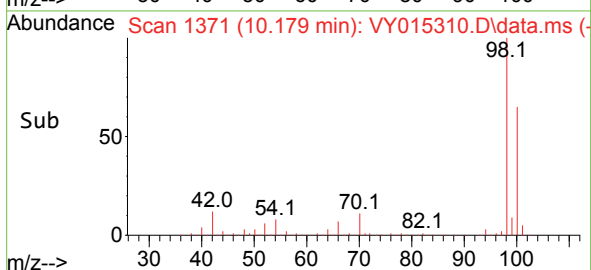
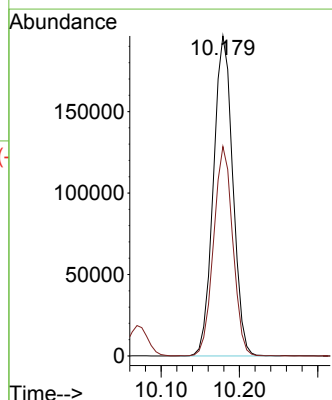
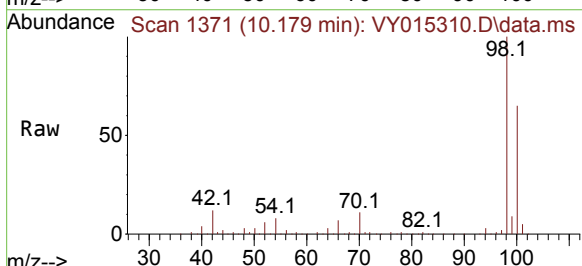
Acq: 24 Aug 2023 14:22

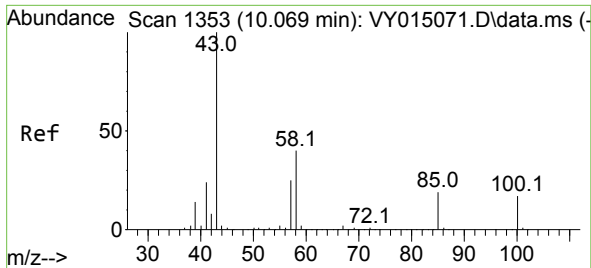
Tgt Ion: 98 Resp: 338251

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1

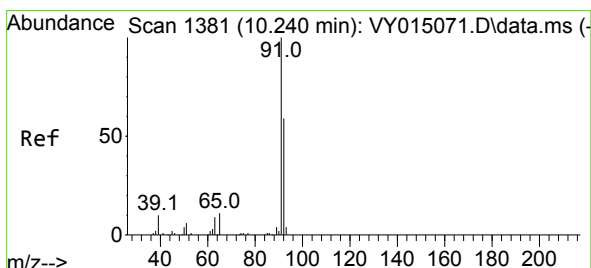
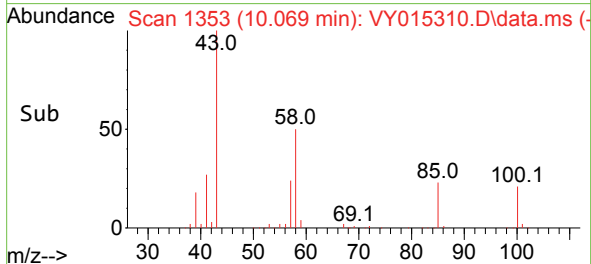
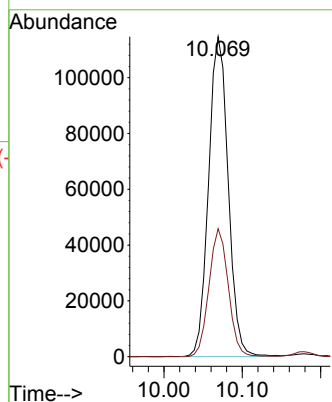
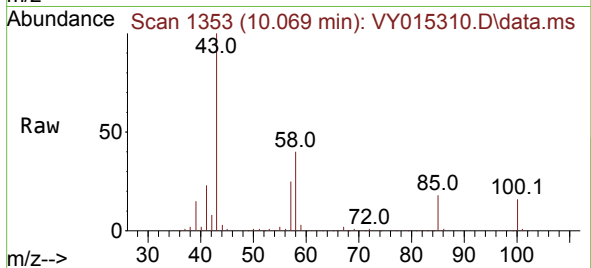




#51
4-Methyl-2-Pentanone
Concen: 106.775 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

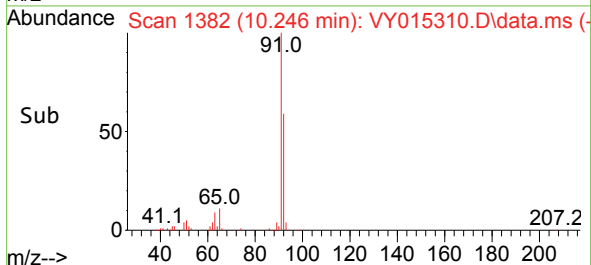
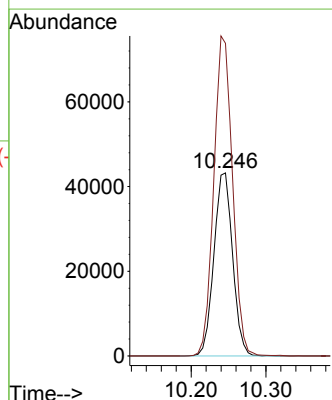
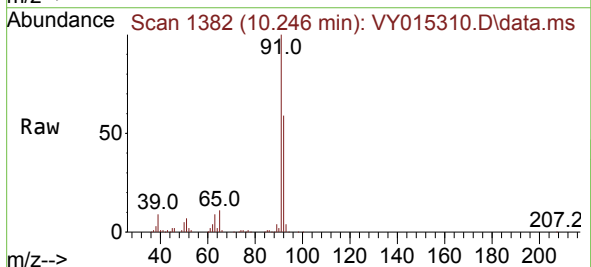
Instrument :
MSVOA_Y
ClientSampleId :

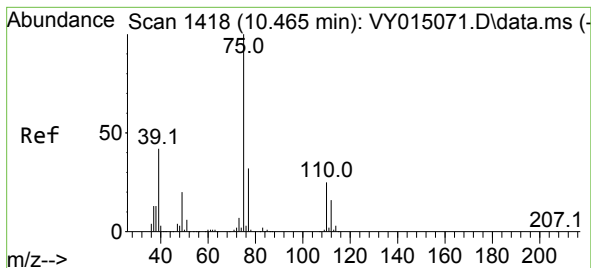
Tgt Ion: 43 Resp: 199361
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 19.895 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 92 Resp: 75245
Ion Ratio Lower Upper
92 100
91 175.5 143.8 215.6

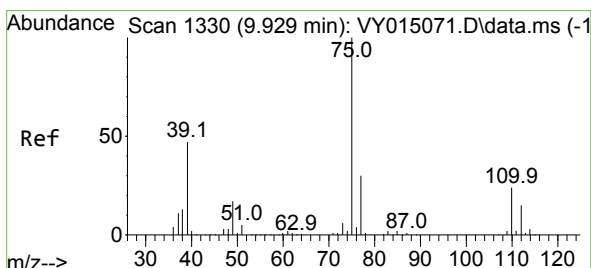
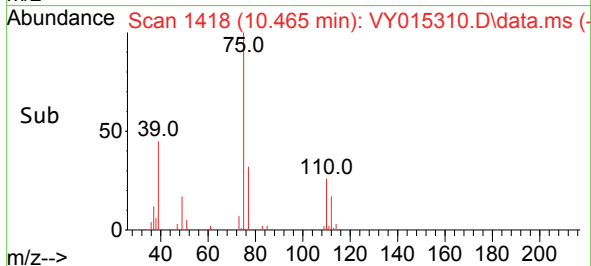
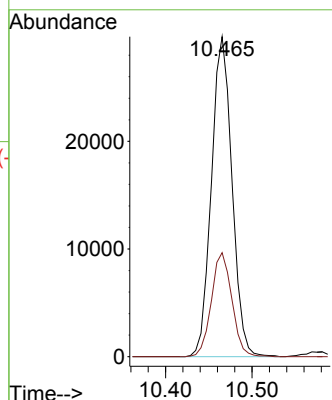
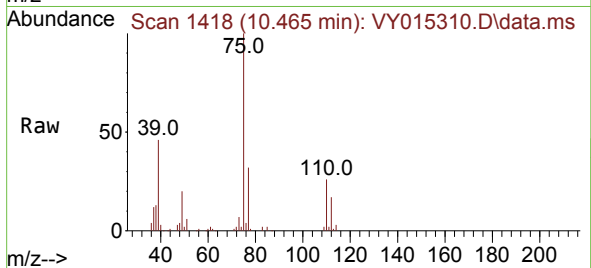




#53
t-1,3-Dichloropropene
Concen: 19.196 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

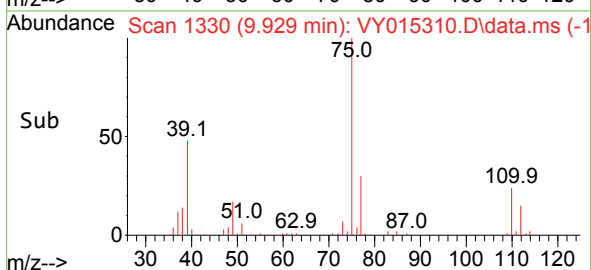
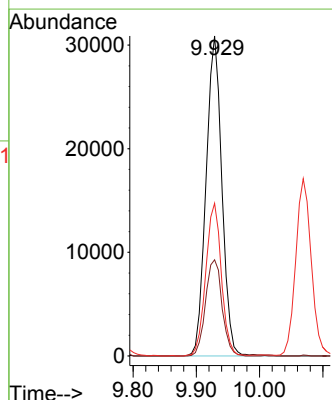
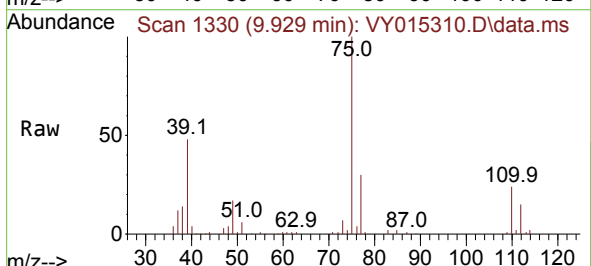
Instrument :
MSVOA_Y
ClientSampleId :

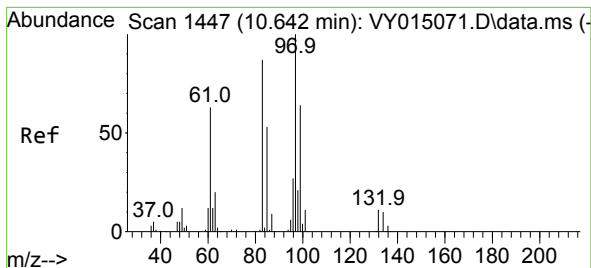
Tgt Ion: 75 Resp: 49127
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.966 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 75 Resp: 53815
Ion Ratio Lower Upper
75 100
77 30.0 24.2 36.4
39 47.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.207 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 32907

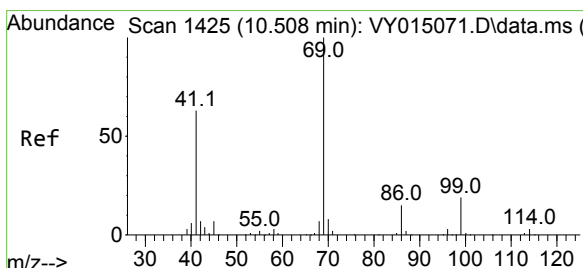
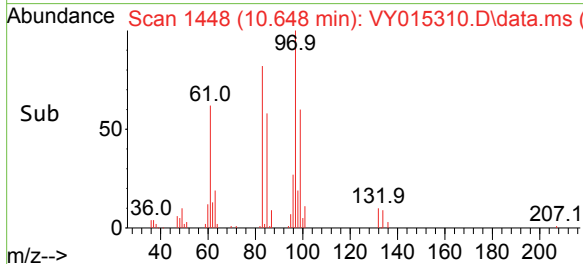
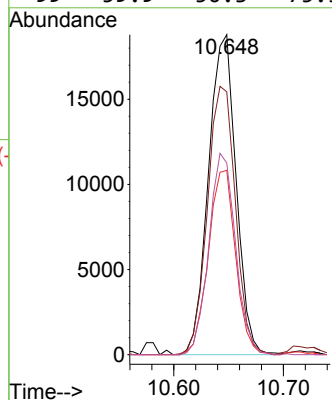
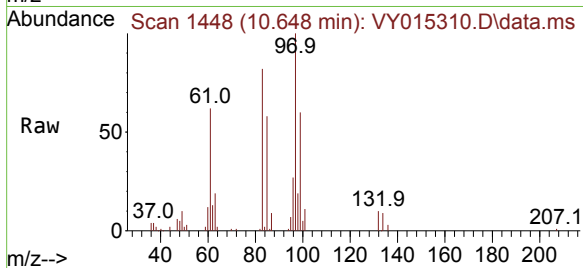
Ion Ratio Lower Upper

97 100

83 81.8 72.0 108.0

85 57.6 45.4 68.0

99 59.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.845 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

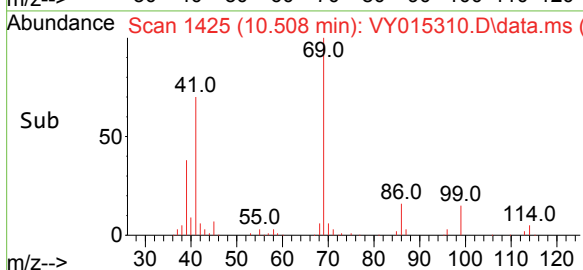
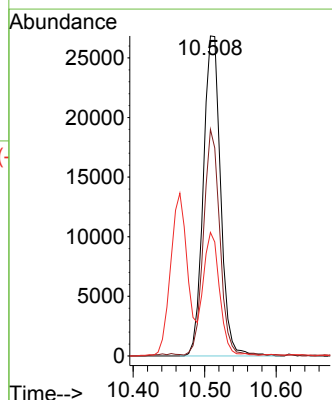
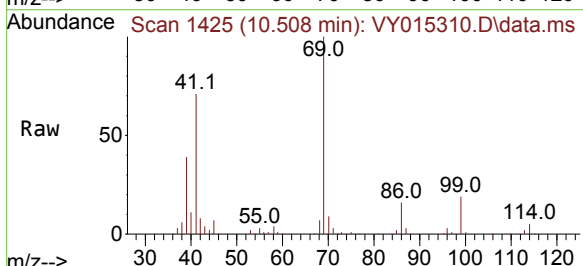
Tgt Ion: 69 Resp: 45065

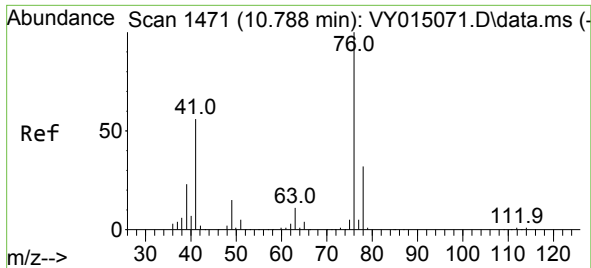
Ion Ratio Lower Upper

69 100

41 66.2 57.6 86.4

39 35.7 34.1 51.1

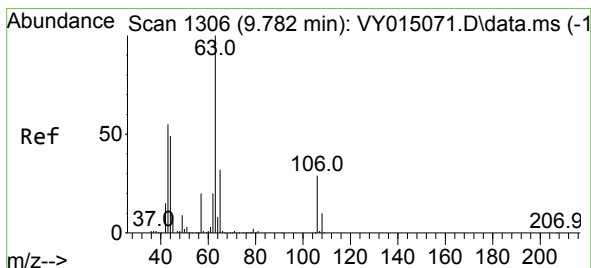
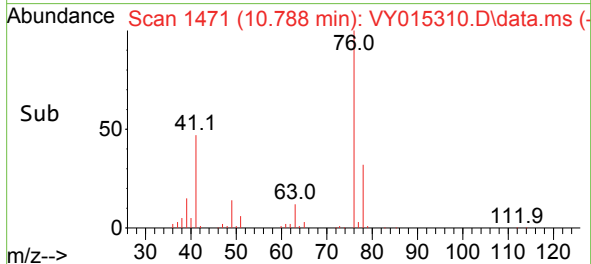
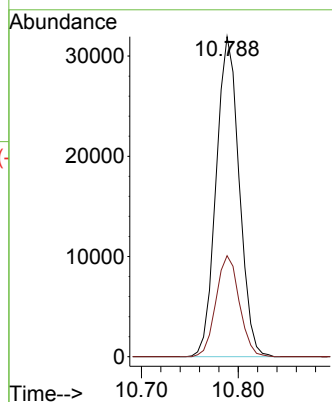
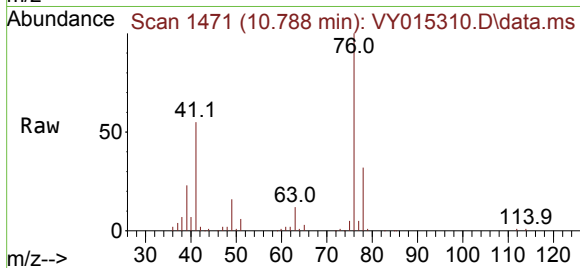




#57
1,3-Dichloropropane
Concen: 20.803 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

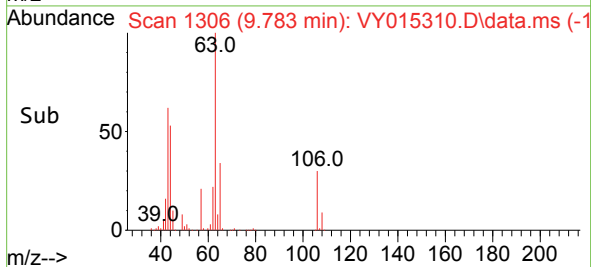
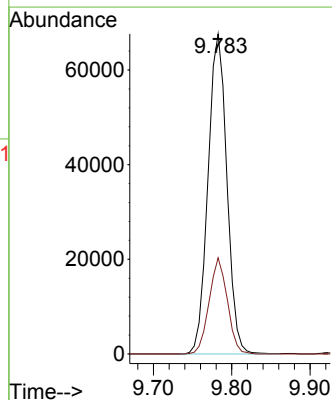
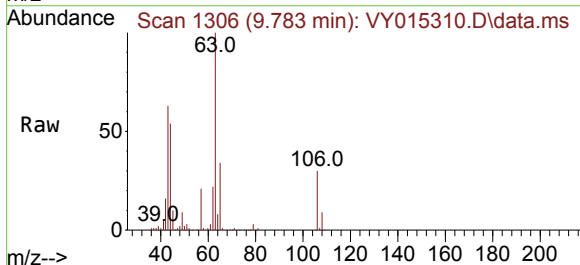
Instrument :
MSVOA_Y
ClientSampleId :

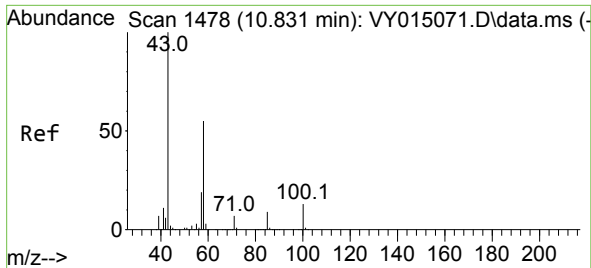
Tgt Ion: 76 Resp: 52738
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 107.098 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 63 Resp: 113183
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8

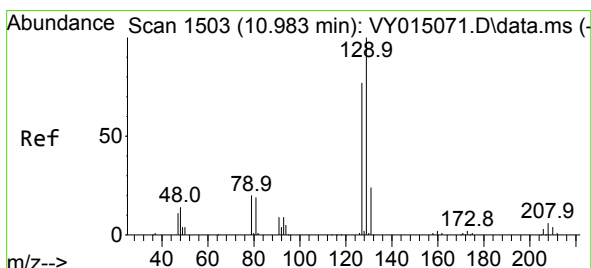
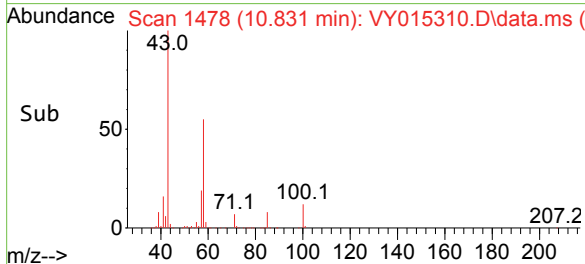
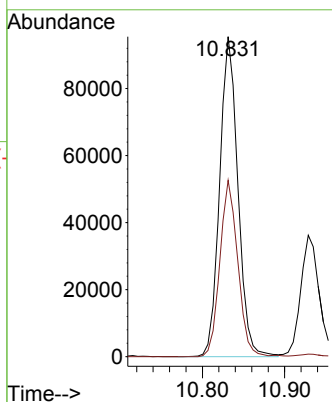
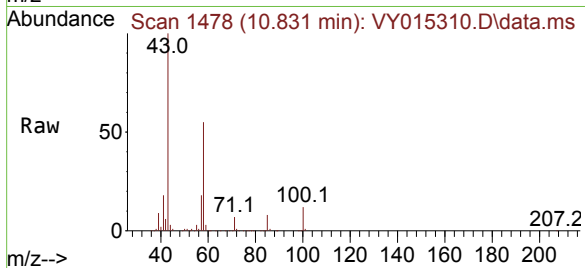




#59
2-Hexanone
Concen: 106.573 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

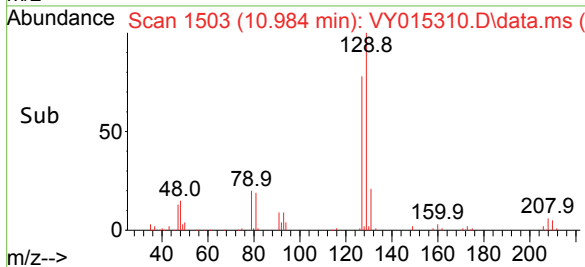
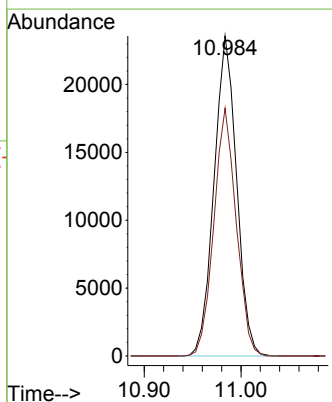
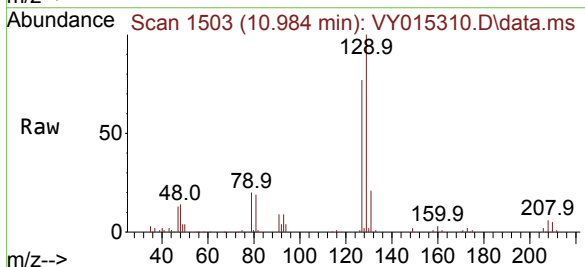
Instrument :
MSVOA_Y
ClientSampleId :

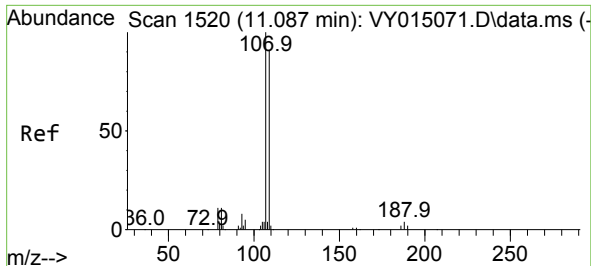
Tgt Ion: 43 Resp: 147269
Ion Ratio Lower Upper
43 100
58 54.2 25.1 75.3



#60
Dibromochloromethane
Concen: 20.596 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion:129 Resp: 38123
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

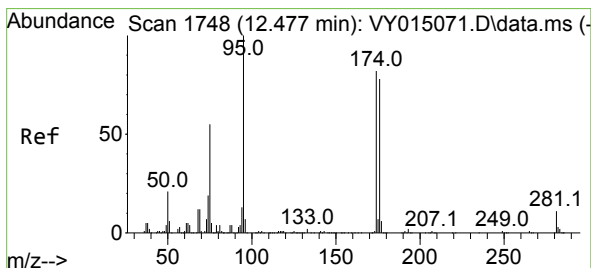
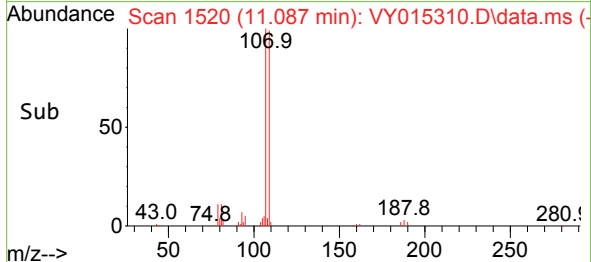
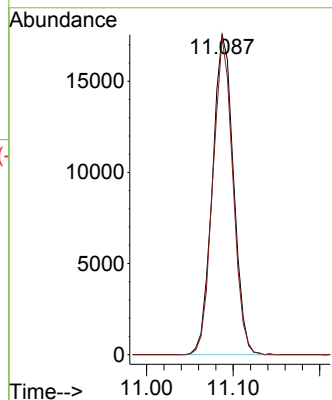
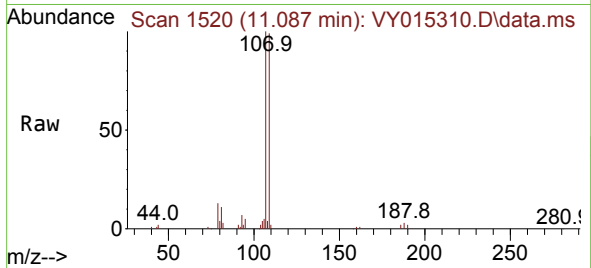




#61
1,2-Dibromoethane
Concen: 20.133 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

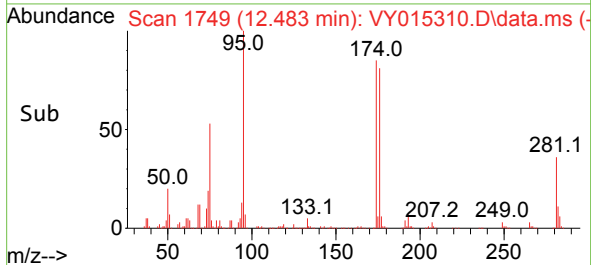
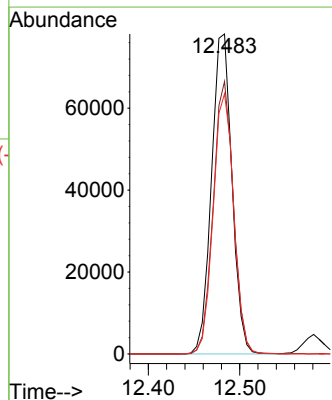
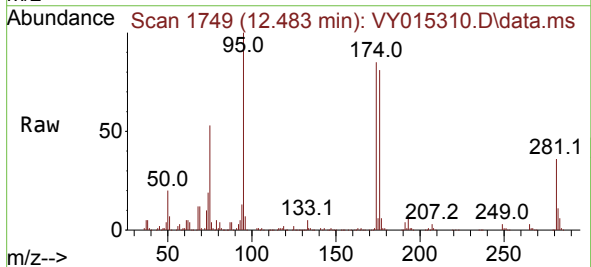
Instrument :
MSVOA_Y
ClientSampleId :

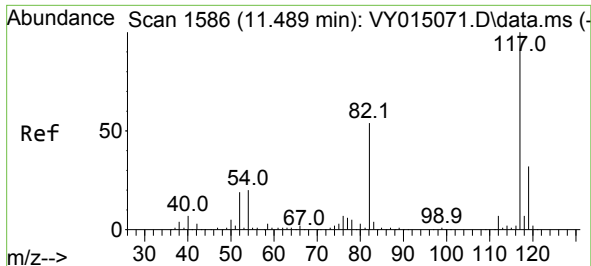
Tgt Ion:107 Resp: 29678
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.104 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

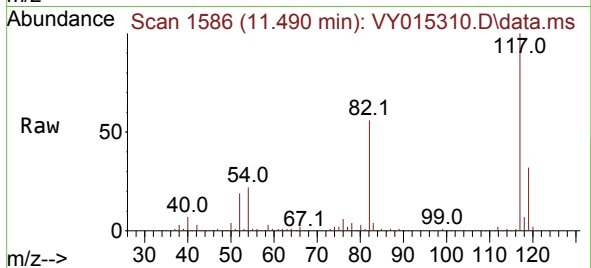
Tgt Ion: 95 Resp: 121534
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.9 0.0 173.8



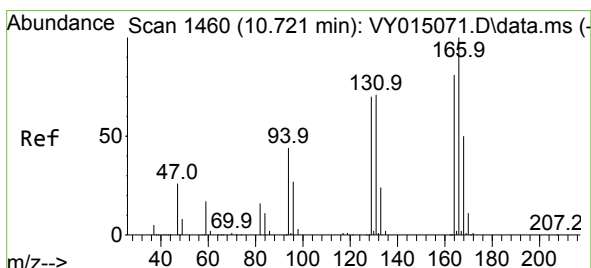
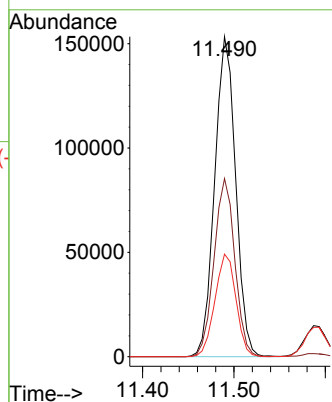
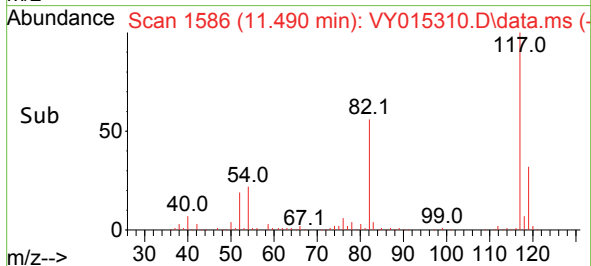


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

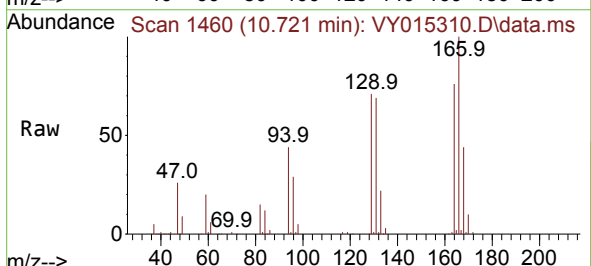
Instrument :
MSVOA_Y
ClientSampleId :



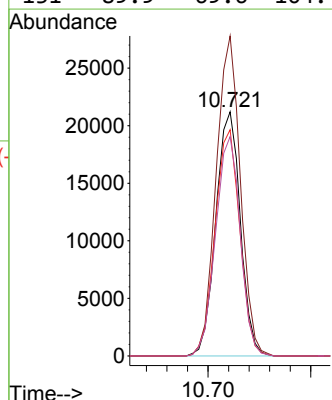
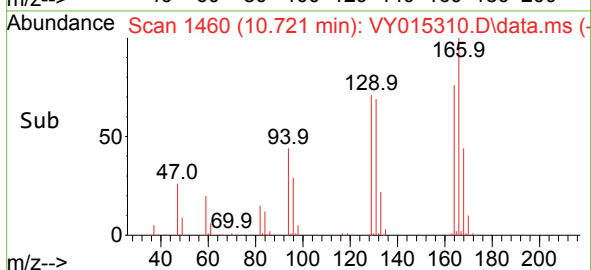
Tgt Ion:117 Resp: 244188
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 32.1 26.3 39.5

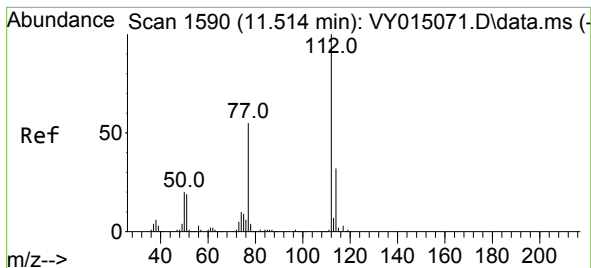


#64
Tetrachloroethene
Concen: 20.588 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22



Tgt Ion:164 Resp: 35025
Ion Ratio Lower Upper
164 100
166 131.1 103.0 154.6
129 92.7 77.2 115.8
131 89.9 69.6 104.4





#65

Chlorobenzene

Concen: 20.090 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

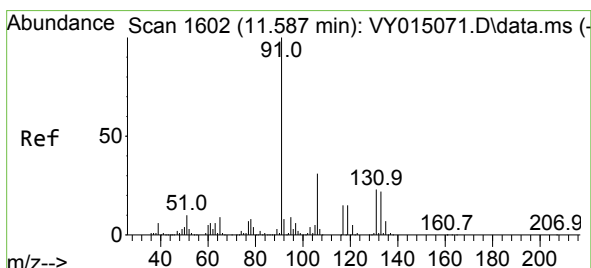
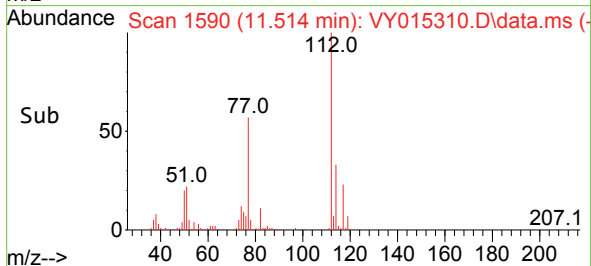
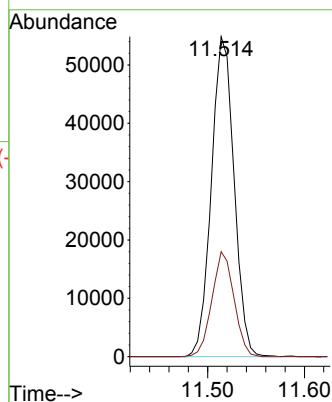
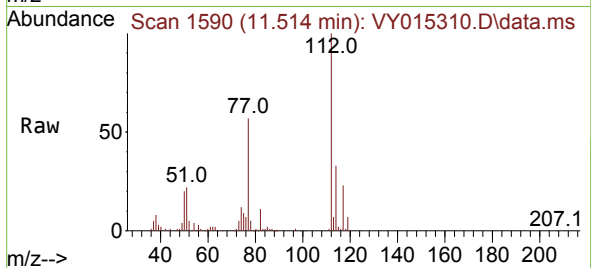
ClientSampleId :

Tgt Ion:112 Resp: 89383

Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.009 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

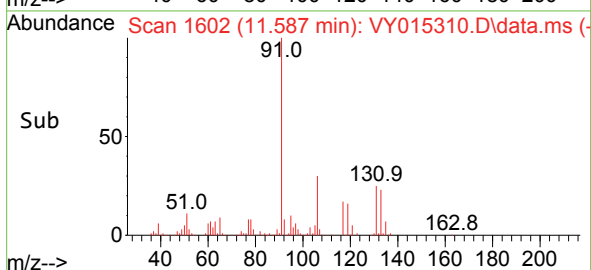
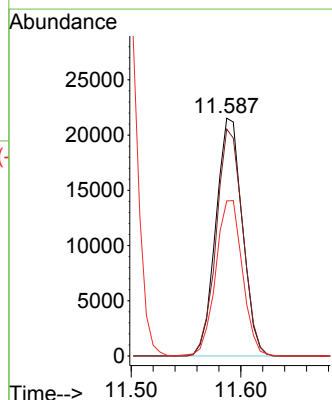
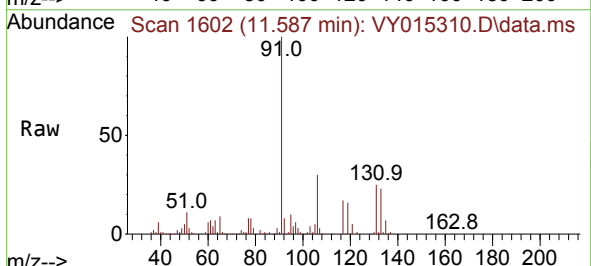
Tgt Ion:131 Resp: 36122

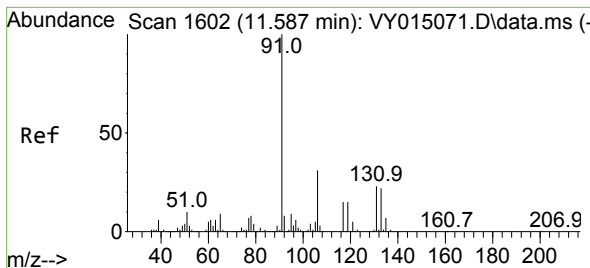
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 19.496 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

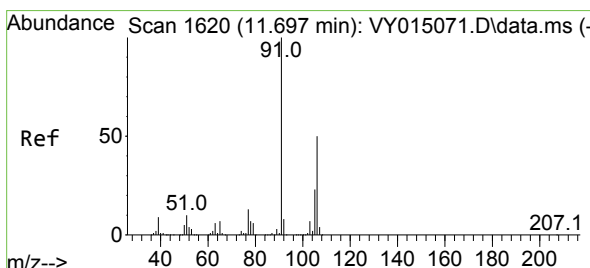
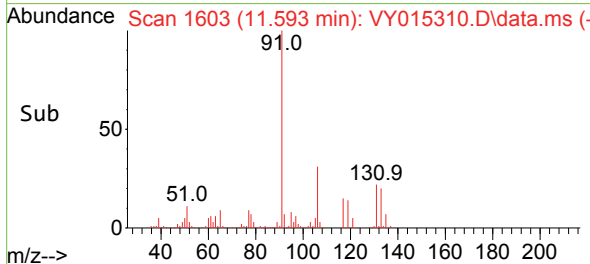
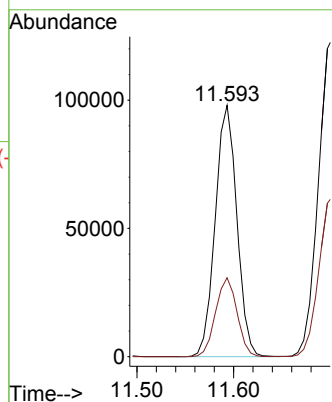
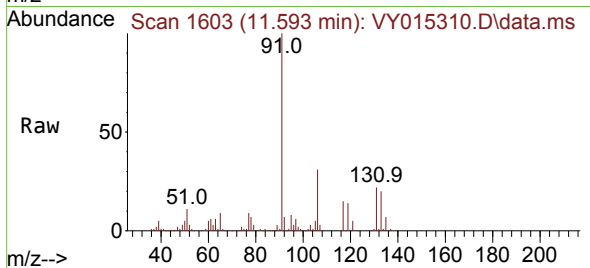
ClientSampleId :

Tgt Ion: 91 Resp: 151980

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 39.018 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015310.D

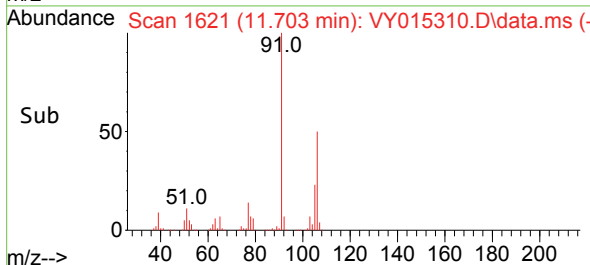
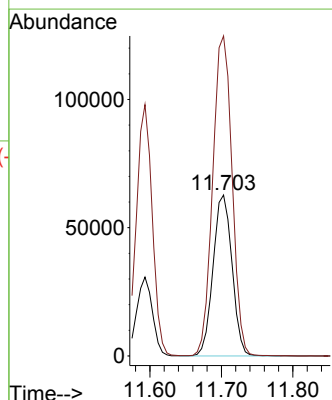
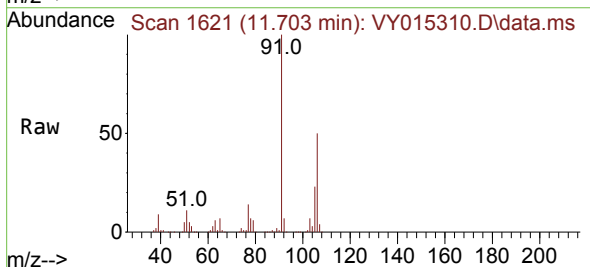
Acq: 24 Aug 2023 14:22

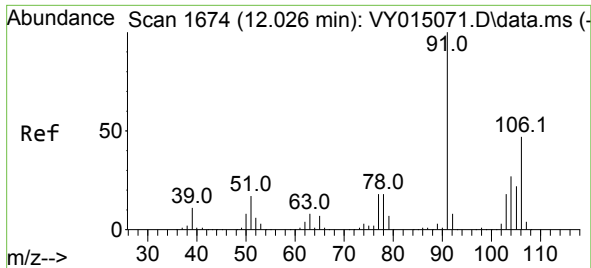
Tgt Ion:106 Resp: 115521

Ion Ratio Lower Upper

106 100

91 203.3 166.1 249.1

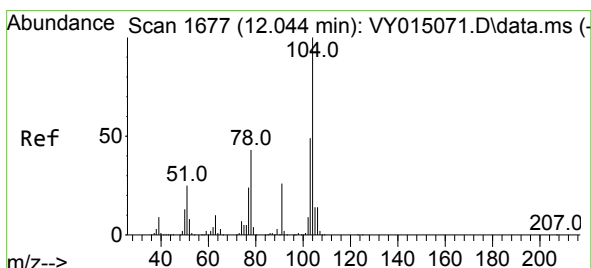
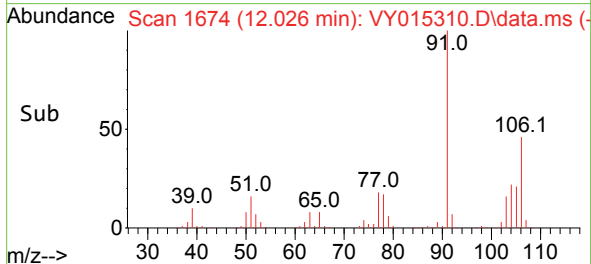
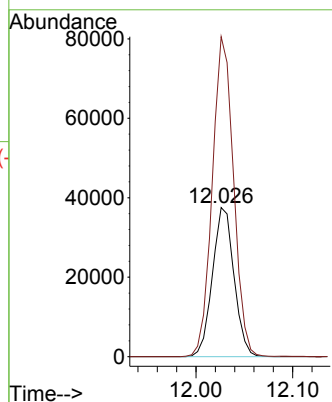
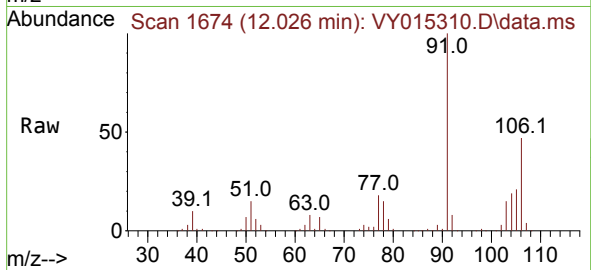




#69
o-Xylene
Concen: 19.740 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

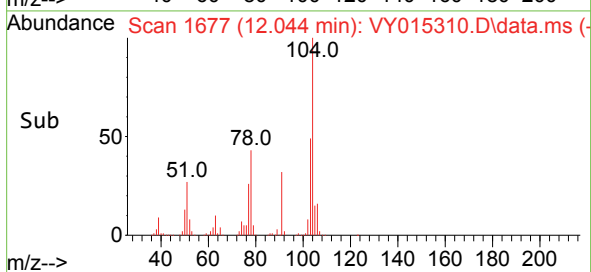
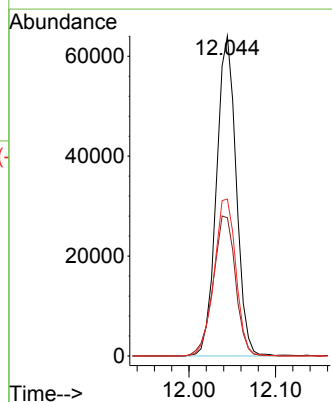
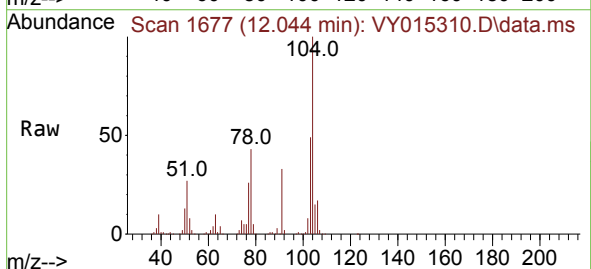
Instrument :
MSVOA_Y
ClientSampleId :

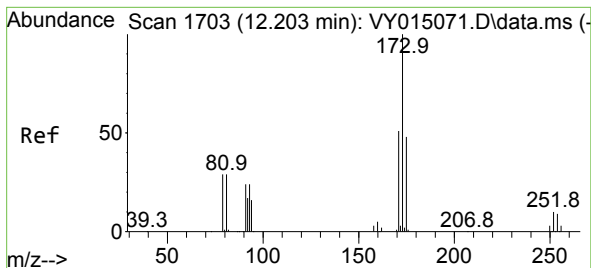
Tgt Ion:106 Resp: 58222
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.3



#70
Styrene
Concen: 19.910 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion:104 Resp: 101636
Ion Ratio Lower Upper
104 100
78 49.3 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 18.802 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015310.D

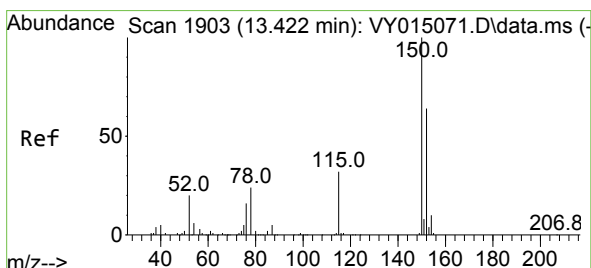
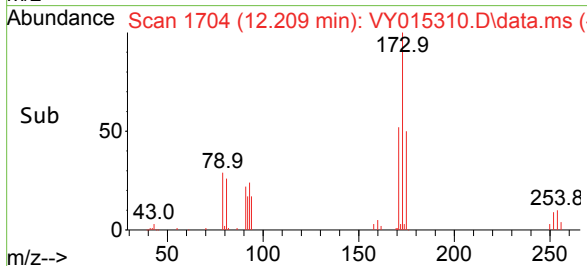
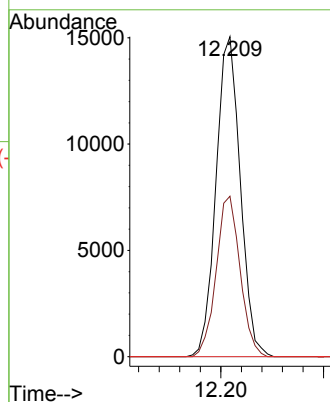
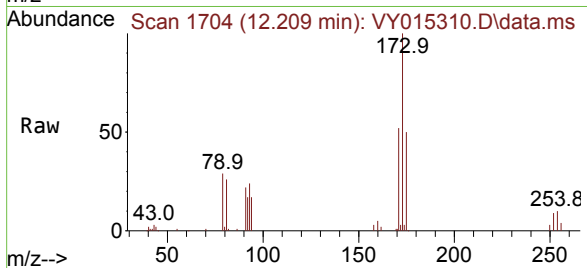
Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	24605
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

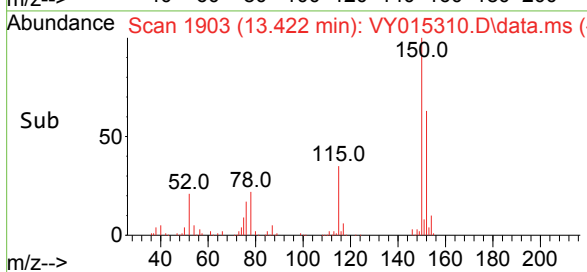
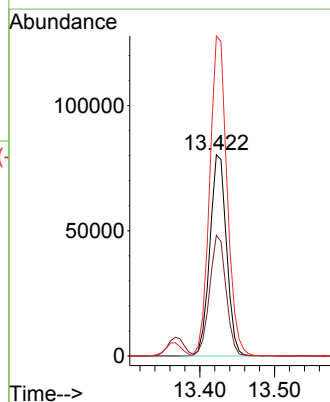
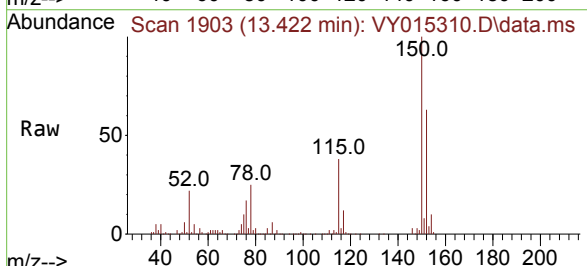
RT: 13.422 min Scan# 1903

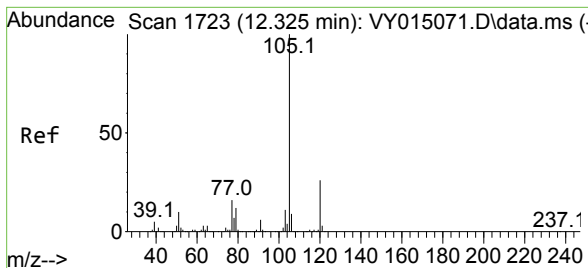
Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Tgt Ion:152	Resp:	124670
Ion Ratio	Lower	Upper
152	100	
115	59.2	28.8 86.5
150	165.2	0.0 348.8





#73

Isopropylbenzene

Concen: 19.489 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

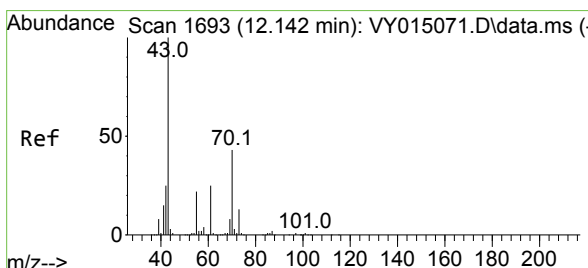
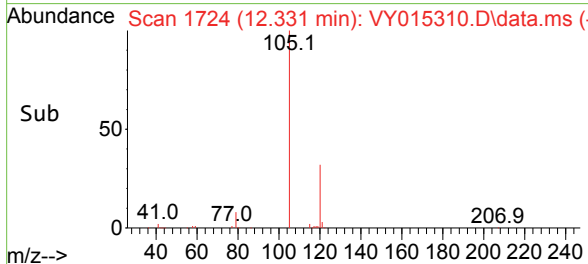
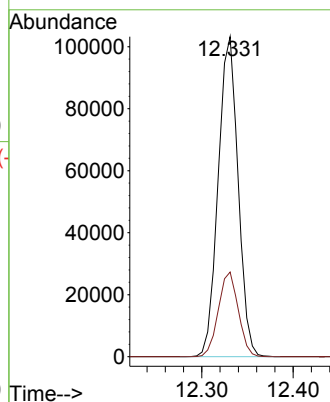
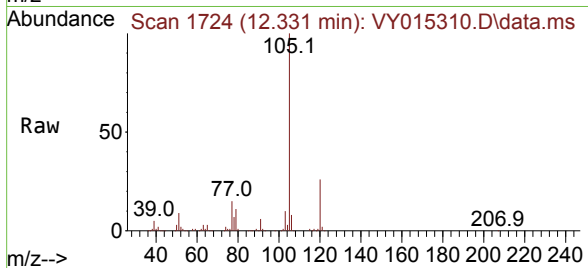
ClientSampleId :

Tgt Ion:105 Resp: 156235

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 19.442 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Tgt Ion: 43 Resp: 56274

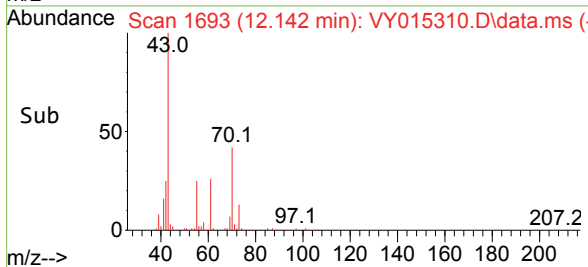
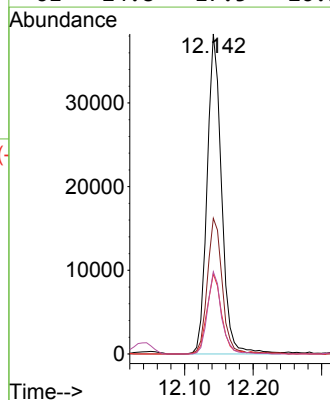
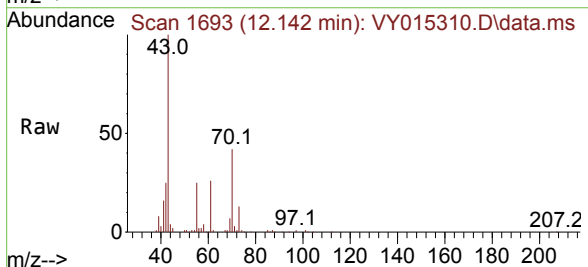
Ion Ratio Lower Upper

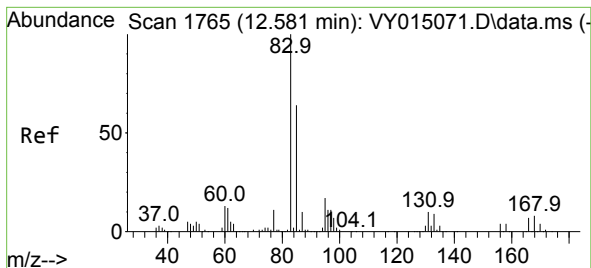
43 100

70 43.3 29.7 44.5

55 25.7 18.3 27.5

61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.584 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

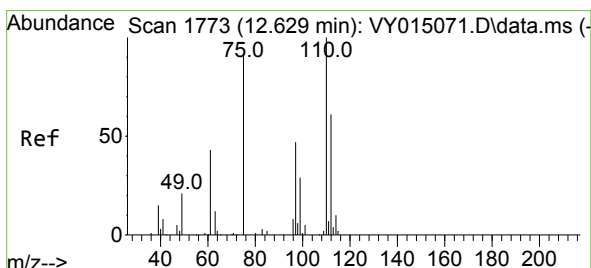
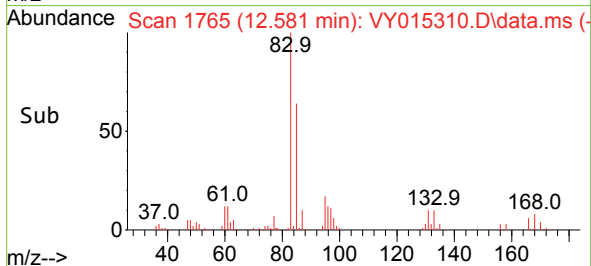
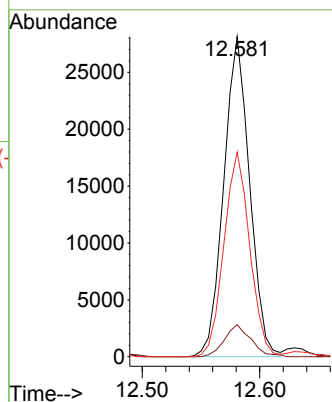
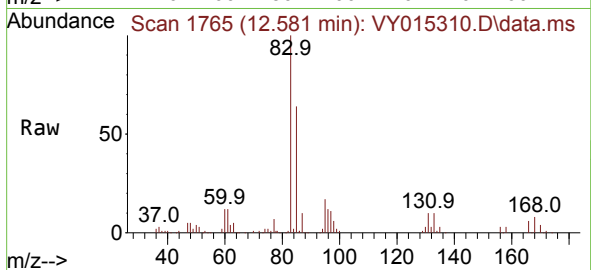
Tgt Ion: 83 Resp: 42977

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.848 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015310.D

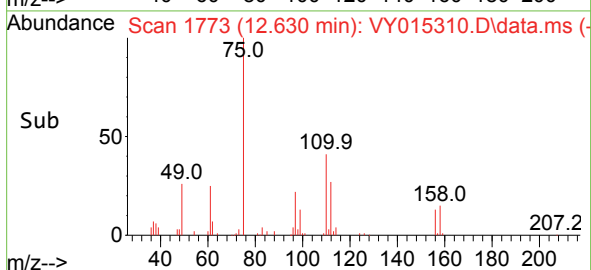
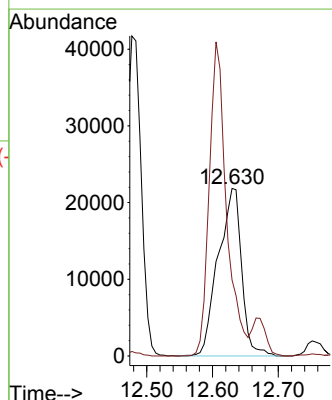
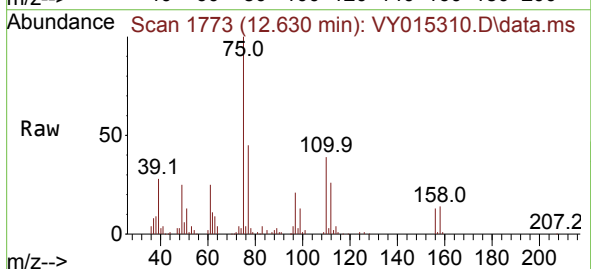
Acq: 24 Aug 2023 14:22

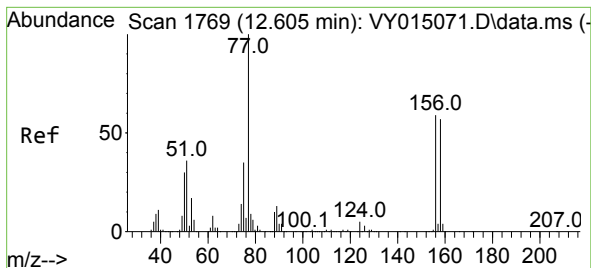
Tgt Ion: 75 Resp: 54297

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.848 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

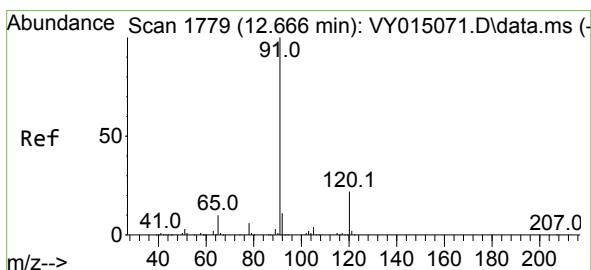
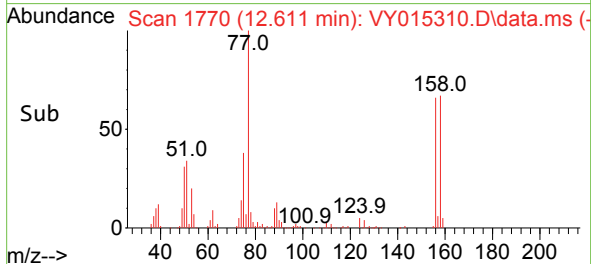
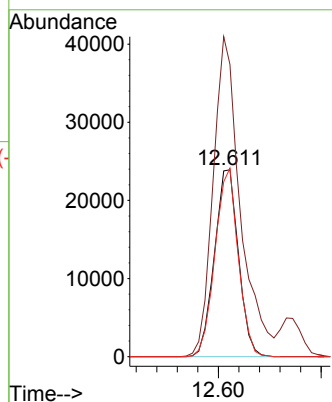
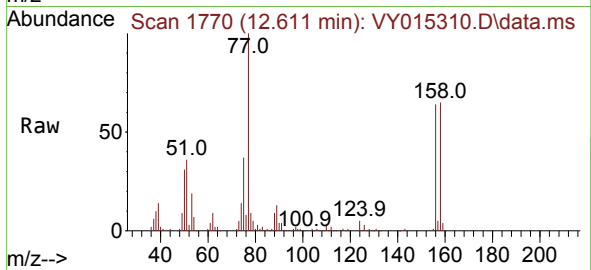
Tgt Ion:156 Resp: 38785

Ion Ratio Lower Upper

156 100

77 194.0 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 19.602 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015310.D

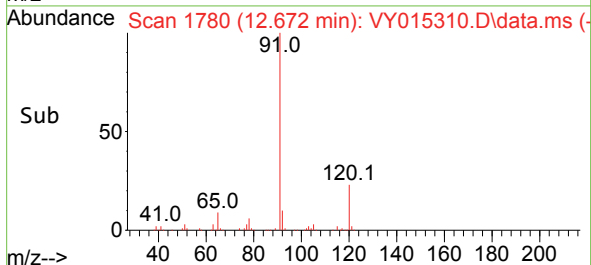
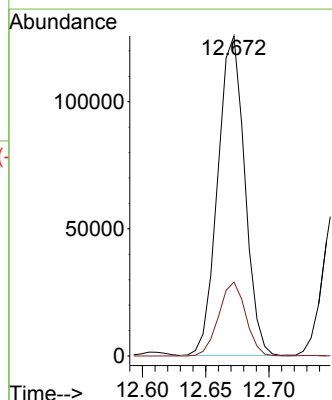
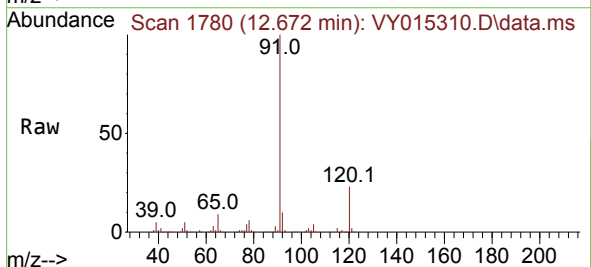
Acq: 24 Aug 2023 14:22

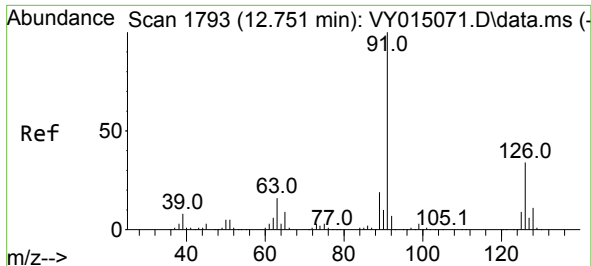
Tgt Ion: 91 Resp: 186606

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.670 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

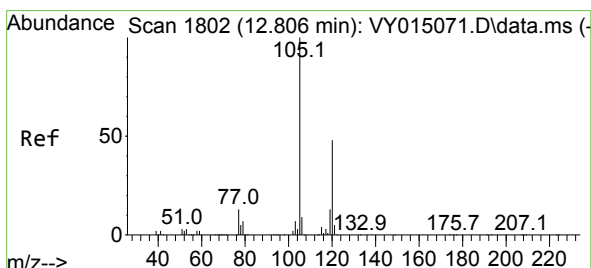
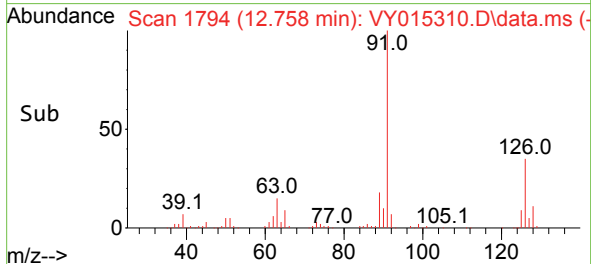
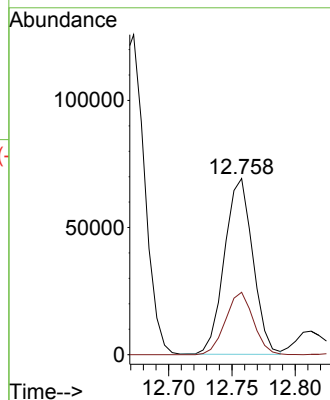
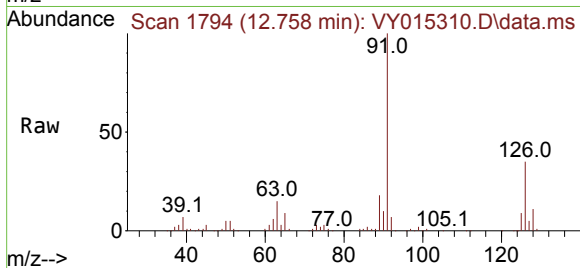
ClientSampleId :

Tgt Ion: 91 Resp: 108024

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.486 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015310.D

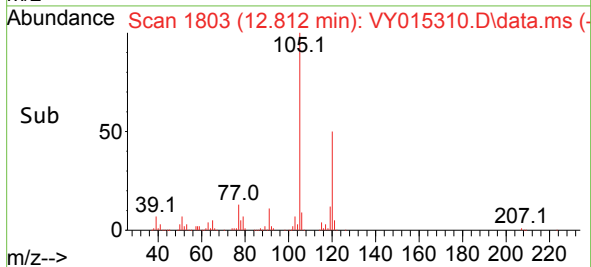
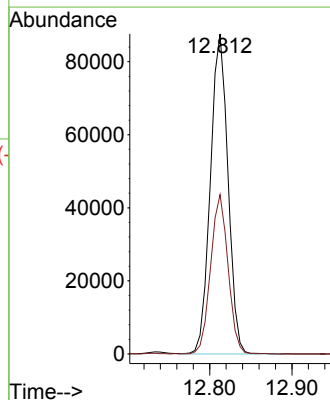
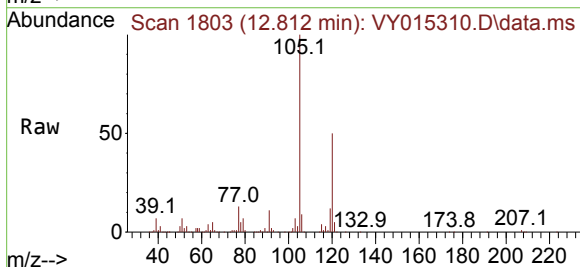
Acq: 24 Aug 2023 14:22

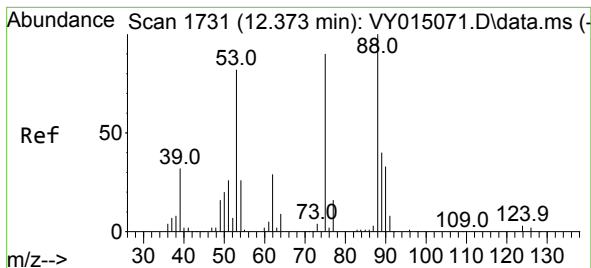
Tgt Ion:105 Resp: 130212

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

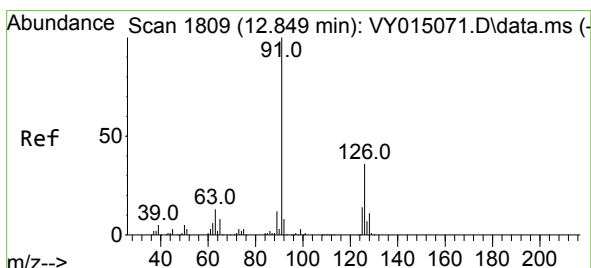
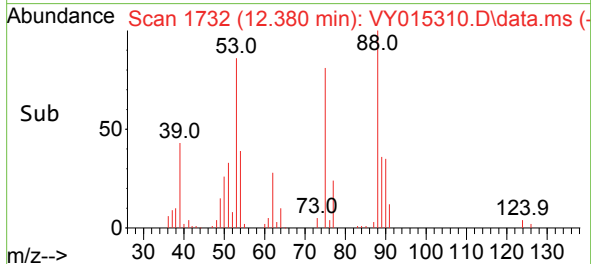
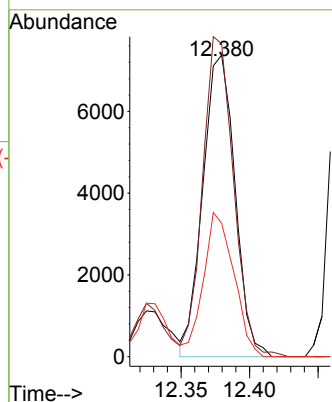
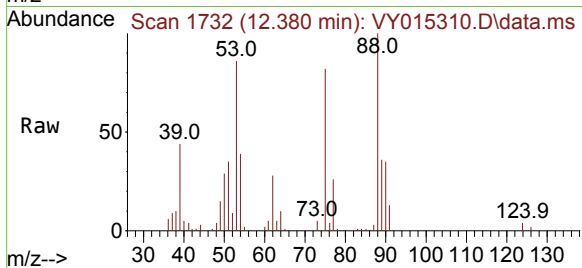




#81
trans-1,4-Dichloro-2-butene
Concen: 17.464 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

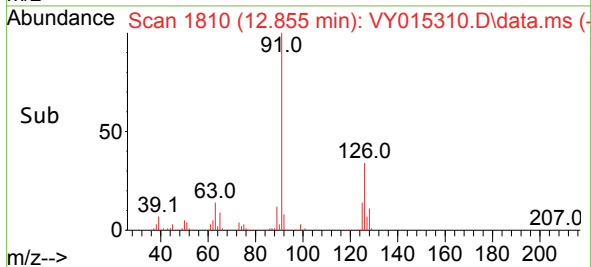
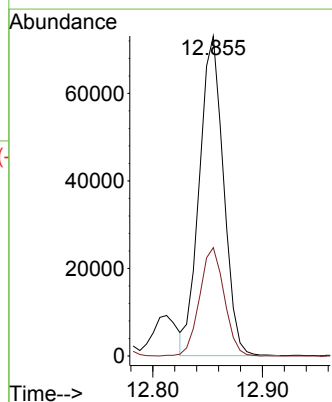
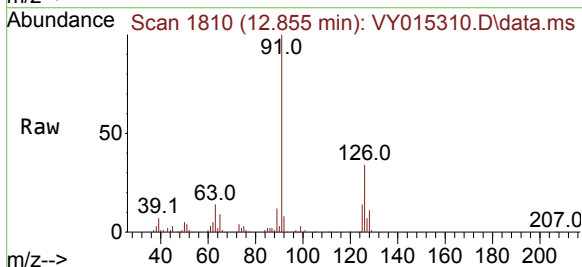
Instrument :
MSVOA_Y
ClientSampleId :

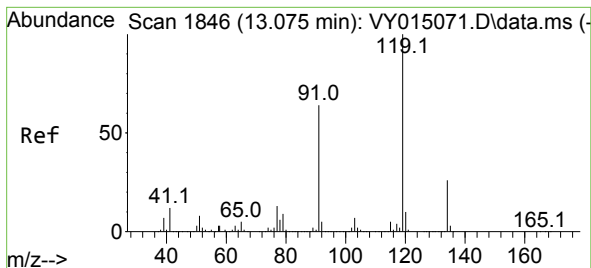
Tgt Ion: 75 Resp: 12043
Ion Ratio Lower Upper
75 100
53 101.9 77.8 116.8
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.692 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 91 Resp: 111725
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.416 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

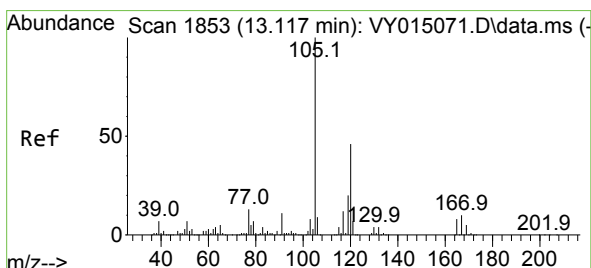
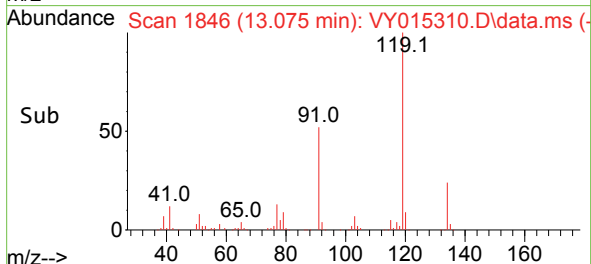
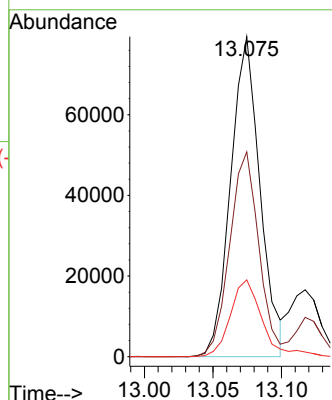
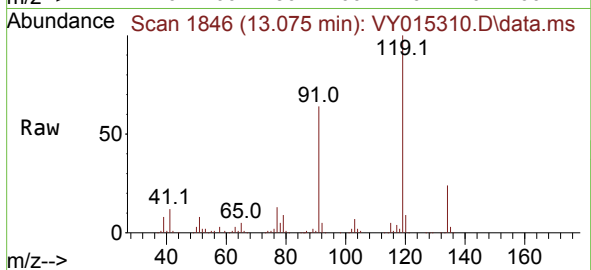
Tgt Ion:119 Resp: 118677

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.686 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015310.D

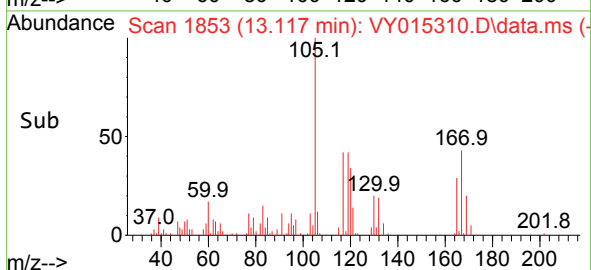
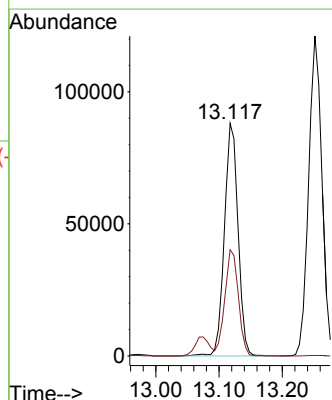
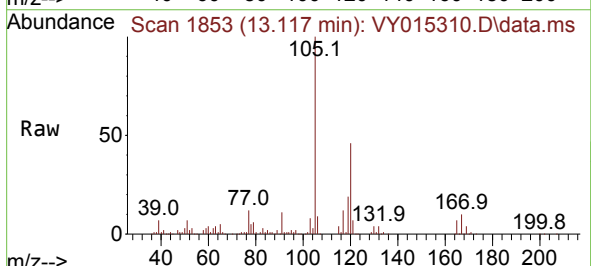
Acq: 24 Aug 2023 14:22

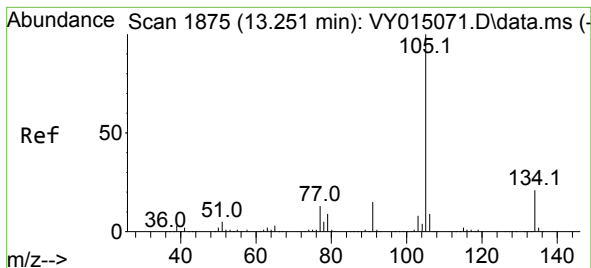
Tgt Ion:105 Resp: 131453

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.636 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

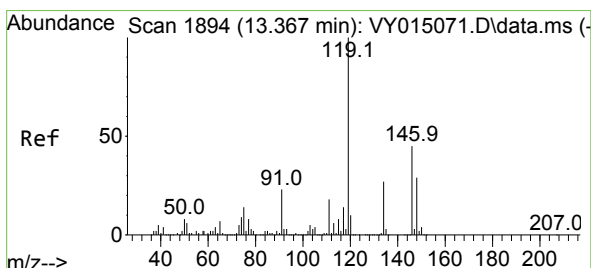
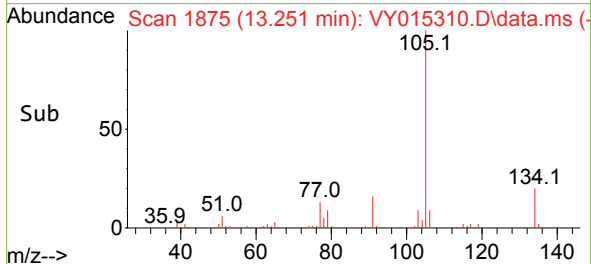
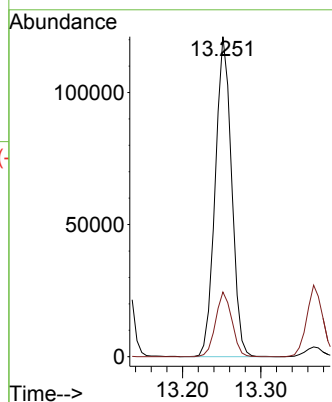
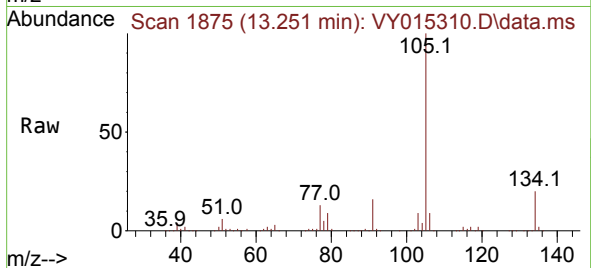
ClientSampleId :

Tgt Ion:105 Resp: 175858

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.573 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

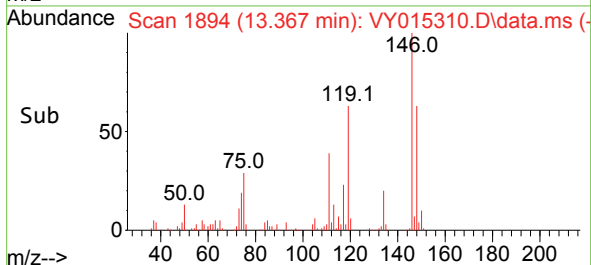
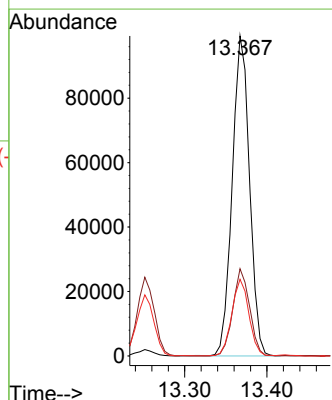
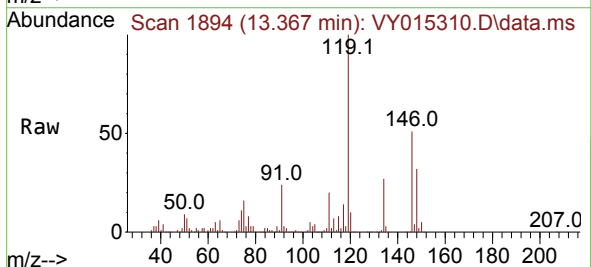
Tgt Ion:119 Resp: 145333

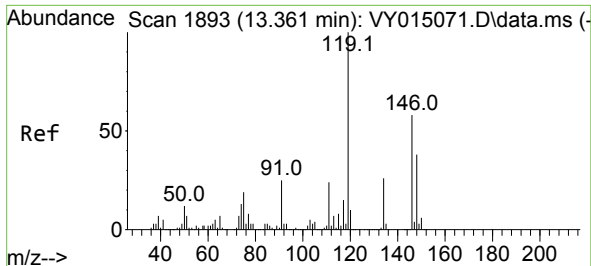
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.6 12.4 37.4

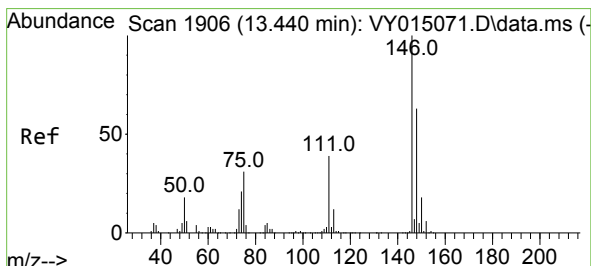
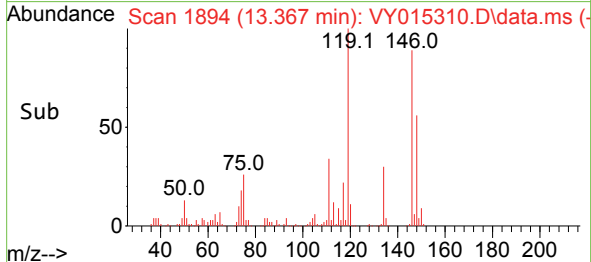
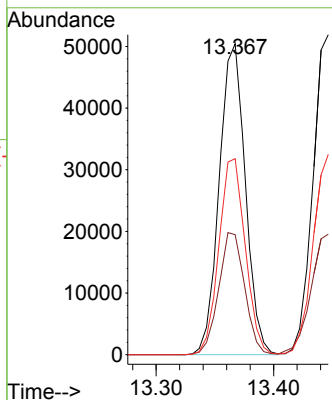
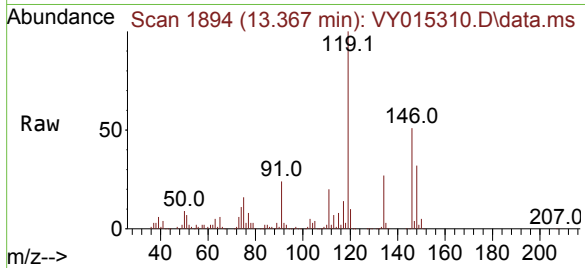




#87
1,3-Dichlorobenzene
Concen: 20.095 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

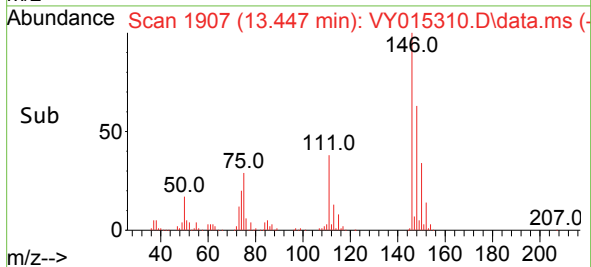
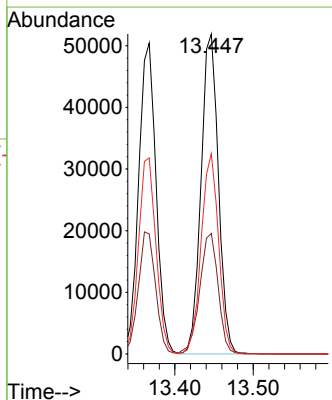
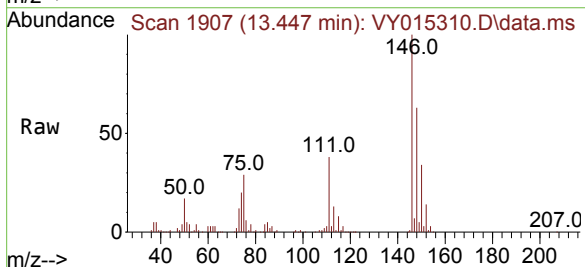
Instrument :
MSVOA_Y
ClientSampleId :

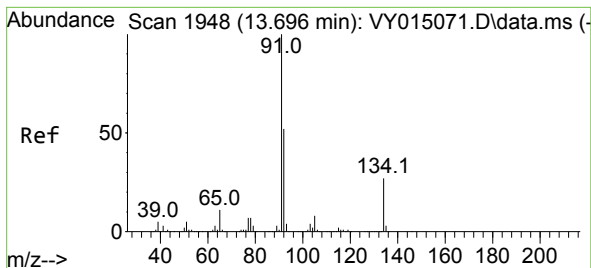
Tgt Ion:146 Resp: 77886
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.533 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion:146 Resp: 79822
Ion Ratio Lower Upper
146 100
111 40.2 18.9 56.7
148 62.8 32.1 96.5





#89

n-Butylbenzene

Concen: 19.598 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

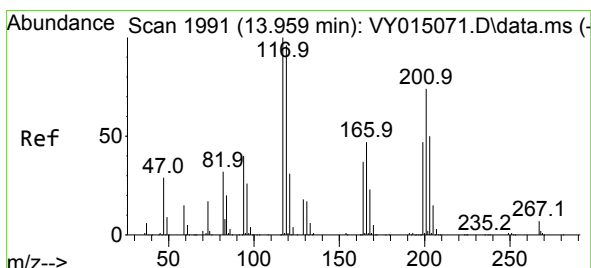
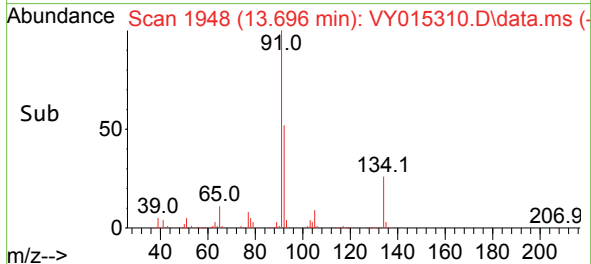
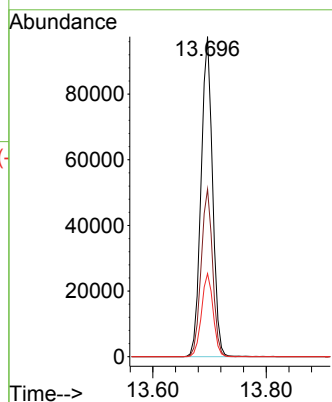
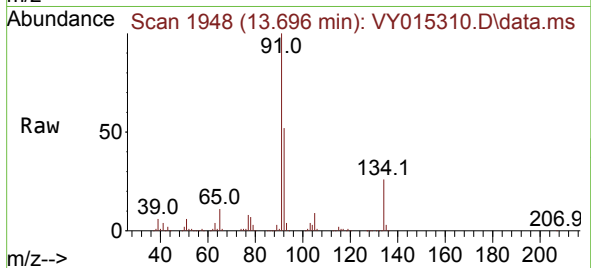
Tgt Ion: 91 Resp: 137201

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 18.607 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015310.D

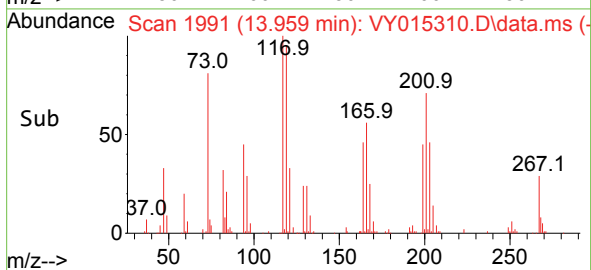
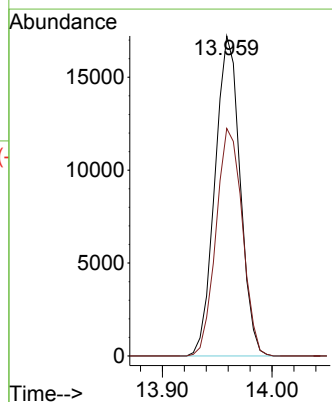
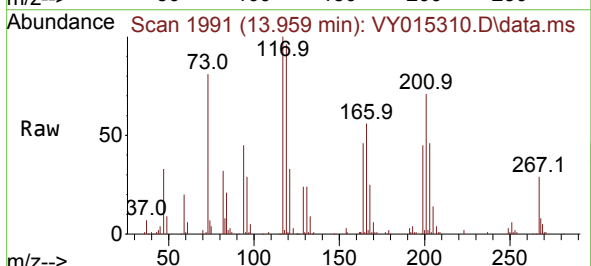
Acq: 24 Aug 2023 14:22

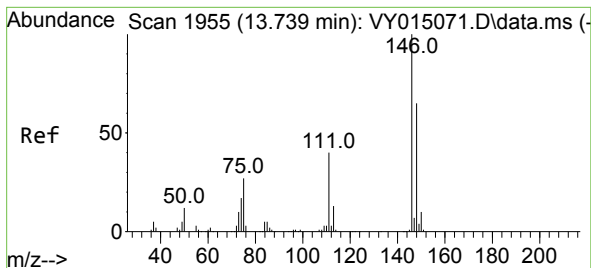
Tgt Ion: 117 Resp: 27409

Ion Ratio Lower Upper

117 100

201 74.6 41.6 124.8

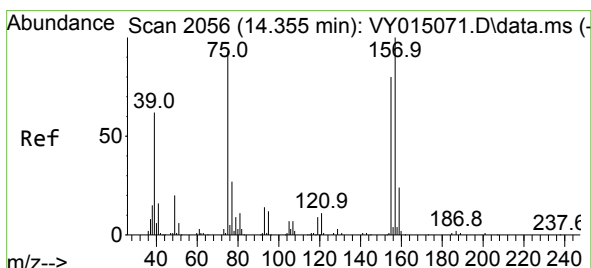
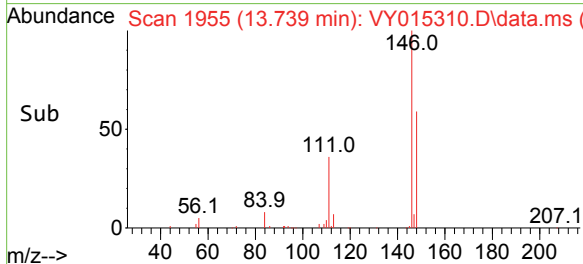
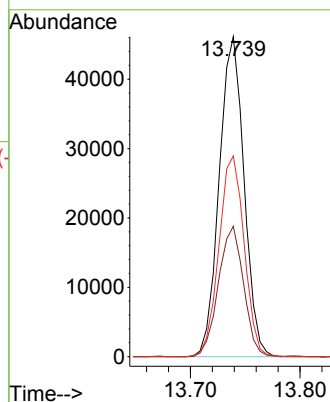
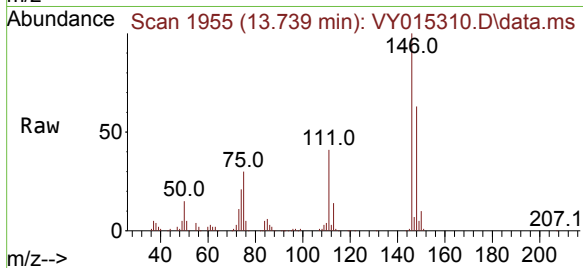




#91
1,2-Dichlorobenzene
Concen: 20.023 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

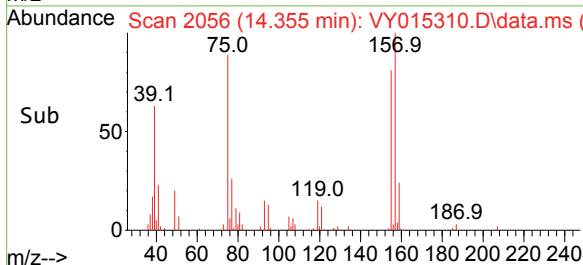
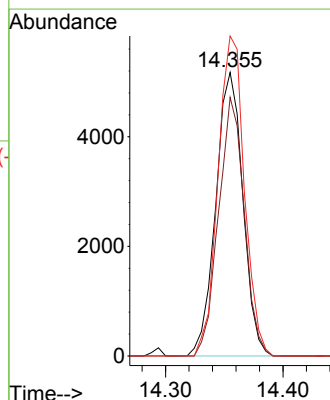
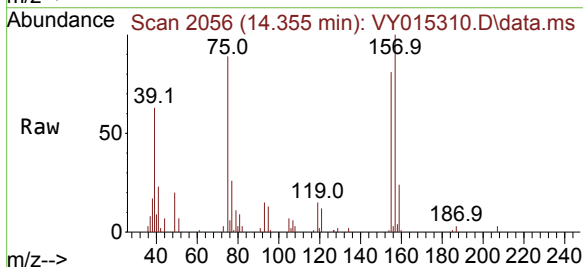
Instrument :
MSVOA_Y
ClientSampleId :

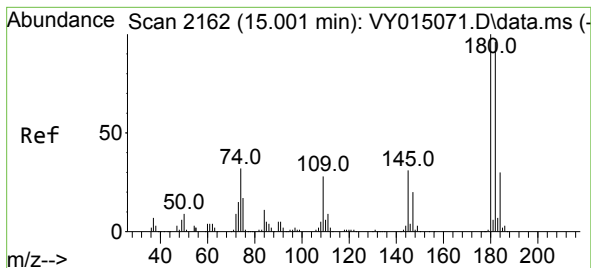
Tgt Ion:146 Resp: 72499
Ion Ratio Lower Upper
146 100
111 41.3 19.7 59.0
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.459 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015310.D
Acq: 24 Aug 2023 14:22

Tgt Ion: 75 Resp: 8275
Ion Ratio Lower Upper
75 100
155 86.3 41.5 124.6
157 110.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.187 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

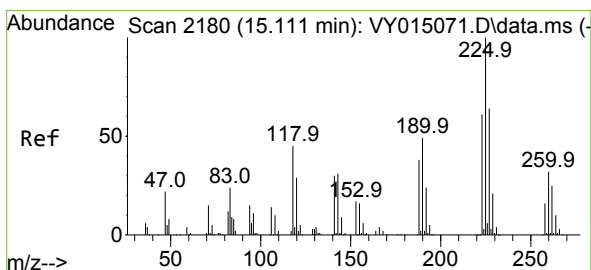
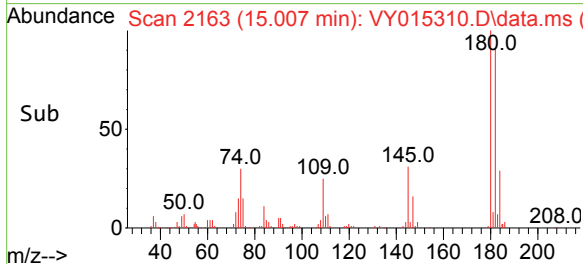
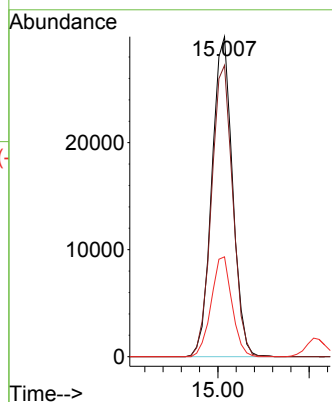
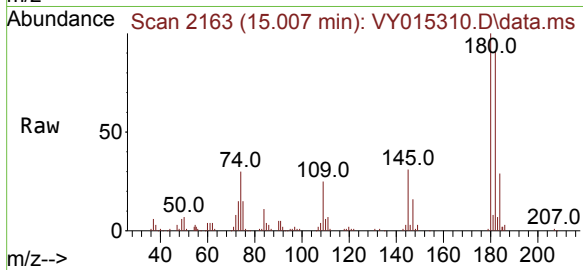
Tgt Ion:180 Resp: 46924

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.295 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

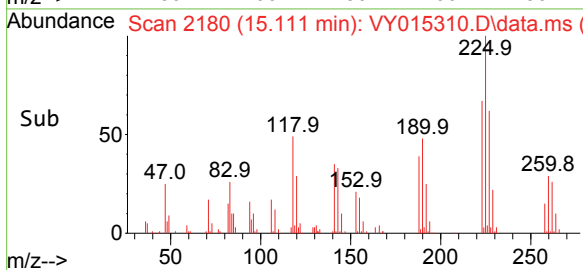
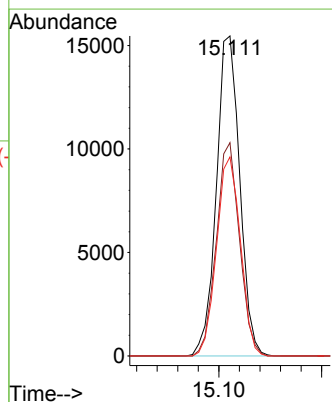
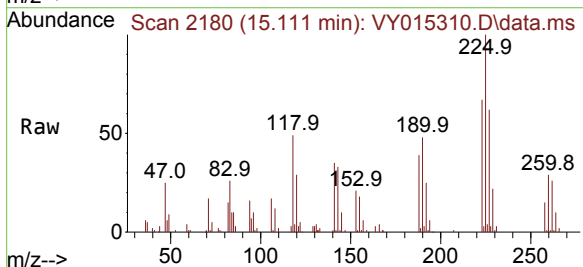
Tgt Ion:225 Resp: 24397

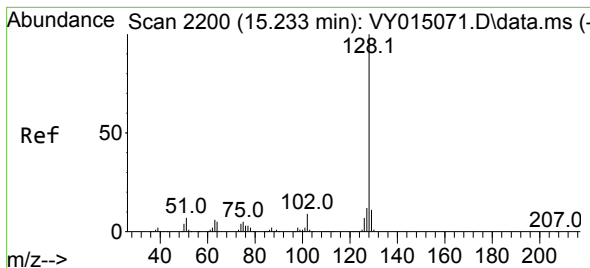
Ion Ratio Lower Upper

225 100

223 66.1 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 19.866 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

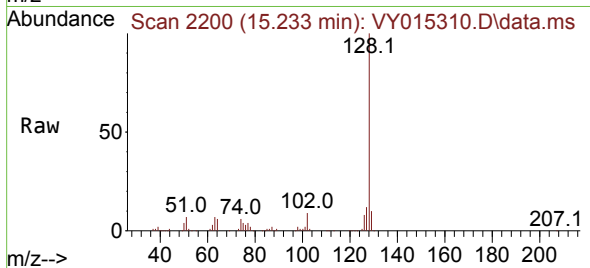
Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

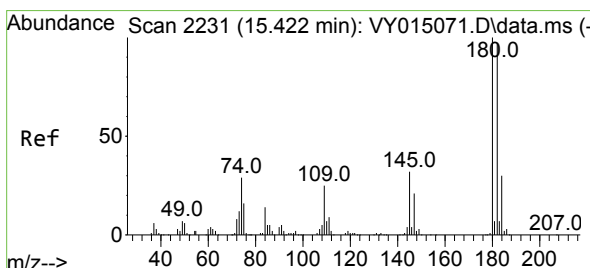
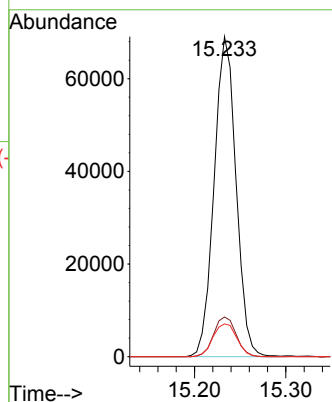
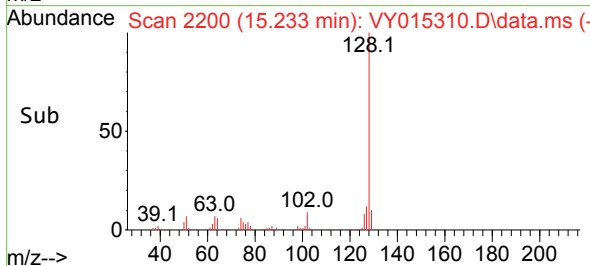
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	115036
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	11.2	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.723 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015310.D

Acq: 24 Aug 2023 14:22

Tgt Ion:	180	Resp:	43504
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.3	141.8
145	32.0	15.4	46.2

