

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012681.D
 Acq On : 21 Feb 2023 17:56
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY022123

Quant Time: Feb 22 01:29:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	157343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69014	50.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.716	113	60041	49.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.160%	
50) Toluene-d8	10.179	98	223461	49.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.483	95	74380	51.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53817	44.903	ug/l	99
3) Chloromethane	2.113	50	68780	47.984	ug/l	99
4) Vinyl Chloride	2.253	62	65974	49.819	ug/l	99
5) Bromomethane	2.650	94	38527	53.121	ug/l	100
6) Chloroethane	2.796	64	42355	50.243	ug/l	93
7) Trichlorofluoromethane	3.125	101	106319	49.806	ug/l	100
8) Diethyl Ether	3.528	74	38580	50.480	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	62706	49.155	ug/l	99
10) Methyl Iodide	4.088	142	84640	50.672	ug/l	99
11) Tert butyl alcohol	4.954	59	35968	238.817	ug/l	100
12) 1,1-Dichloroethene	3.875	96	60056	48.765	ug/l	97
13) Acrolein	3.729	56	50863	267.290	ug/l	98
14) Allyl chloride	4.479	41	118875	49.735	ug/l	97
15) Acrylonitrile	5.161	53	108020	265.667	ug/l	98
16) Acetone	3.948	43	127622	284.067	ug/l	98
17) Carbon Disulfide	4.198	76	198820	47.974	ug/l	99
18) Methyl Acetate	4.473	43	77493	53.545	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	176504	53.281	ug/l	98
20) Methylene Chloride	4.716	84	73310	52.592	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	65945	49.228	ug/l	97
22) Diisopropyl ether	6.119	45	223528	50.117	ug/l	99
23) Vinyl Acetate	6.058	43	739542	267.723	ug/l	100
24) 1,1-Dichloroethane	6.015	63	121973	49.319	ug/l	99
25) 2-Butanone	6.984	43	166093	278.548	ug/l	98
26) 2,2-Dichloropropane	6.984	77	107767	49.953	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	72801	49.670	ug/l	100
28) Bromochloromethane	7.332	49	52801	53.316	ug/l	98
29) Tetrahydrofuran	7.344	42	101411	278.571	ug/l	100
30) Chloroform	7.509	83	118453	49.430	ug/l	97
31) Cyclohexane	7.783	56	112802	47.158	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	109080	50.283	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95305	49.647	ug/l	99
37) Ethyl Acetate	7.070	43	70306	54.277	ug/l	99
38) Carbon Tetrachloride	7.899	117	99794	50.276	ug/l	95
39) Methylcyclohexane	9.185	83	111827	50.500	ug/l	95
40) Benzene	8.161	78	261777	48.853	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	94153	149.242	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	86297	51.937	ug/l	98
43) Isopropyl Acetate	8.271	43	122125	54.560	ug/l	99
44) Trichloroethene	8.941	130	68507	49.449	ug/l	98
45) 1,2-Dichloropropane	9.216	63	67389	48.892	ug/l	97
46) Dibromomethane	9.301	93	38957	51.201	ug/l	99
47) Bromodichloromethane	9.496	83	91583	49.999	ug/l	97
48) Methyl methacrylate	9.289	41	58755	56.251	ug/l	95
49) 1,4-Dioxane	9.301	88	10450	900.276	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	335981	278.261	ug/l	99
52) Toluene	10.246	92	159871	50.354	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	98017	51.209	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	111071	51.282	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	53017	51.302	ug/l	95
56) Ethyl methacrylate	10.508	69	77920	55.210	ug/l	99
57) 1,3-Dichloropropane	10.788	76	92327	50.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	197315	264.566	ug/l	100
59) 2-Hexanone	10.831	43	244588	285.744	ug/l	100
60) Dibromochloromethane	10.984	129	64490	51.507	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51044	51.554	ug/l	99
64) Tetrachloroethene	10.721	164	57885	50.584	ug/l	97
65) Chlorobenzene	11.514	112	166150	49.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61679	49.326	ug/l	97
67) Ethyl Benzene	11.593	91	302324	50.127	ug/l	99
68) m/p-Xylenes	11.703	106	233450	101.469	ug/l	98
69) o-Xylene	12.026	106	109978	51.610	ug/l	100
70) Styrene	12.044	104	185481	51.932	ug/l	100
71) Bromoform	12.209	173	43078	53.989	ug/l #	100
73) Isopropylbenzene	12.331	105	291902	49.775	ug/l	99
74) N-amyl acetate	12.142	43	102702	53.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	65664	49.799	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	86992	87.931	ug/l #	100
77) Bromobenzene	12.611	156	68749	48.926	ug/l	99
78) n-propylbenzene	12.672	91	359882	49.062	ug/l	100
79) 2-Chlorotoluene	12.758	91	197547	48.476	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	243249	49.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24464	52.386	ug/l	98
82) 4-Chlorotoluene	12.855	91	208739	49.388	ug/l	98
83) tert-Butylbenzene	13.075	119	211473	50.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	239949	50.106	ug/l	100
85) sec-Butylbenzene	13.251	105	316302	49.698	ug/l	99
86) p-Isopropyltoluene	13.367	119	262977	50.172	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	134708	48.945	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134747	48.280	ug/l	99
89) n-Butylbenzene	13.696	91	249206	49.645	ug/l	100
90) Hexachloroethane	13.959	117	51782	48.681	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	121755	49.534	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11788	54.386	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	78071	50.221	ug/l	99
94) Hexachlorobutadiene	15.111	225	45084	48.053	ug/l	99
95) Naphthalene	15.233	128	170560	54.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	70943	51.557	ug/l	98

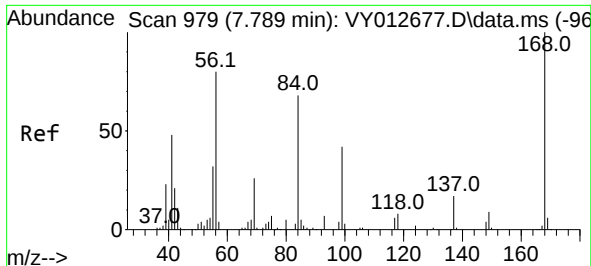
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Response via : Initial Calibration

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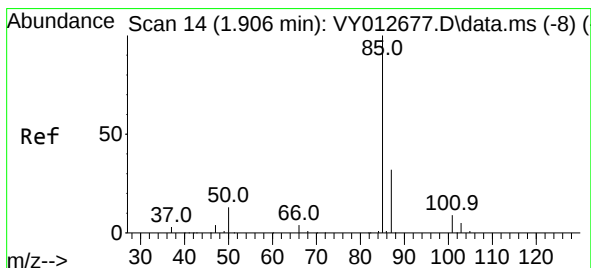
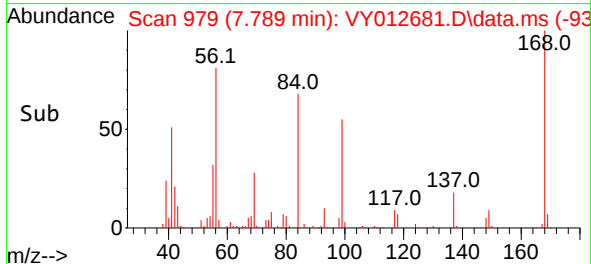
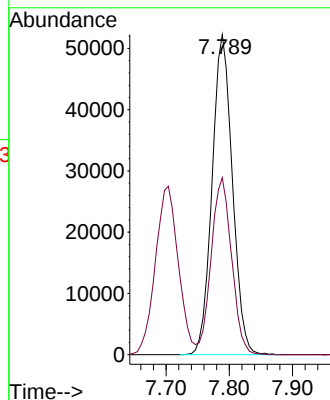
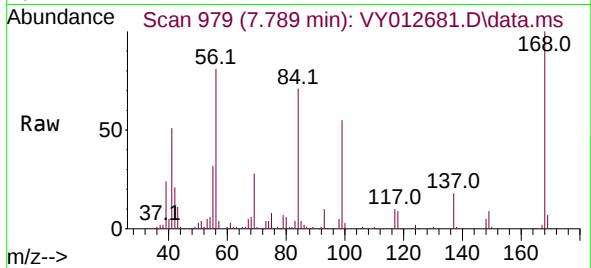
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 21 Feb 2023 17:56

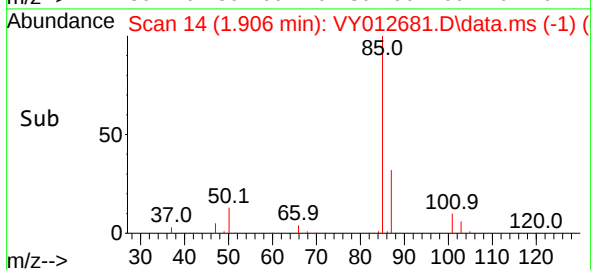
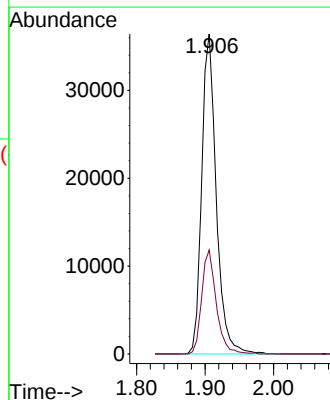
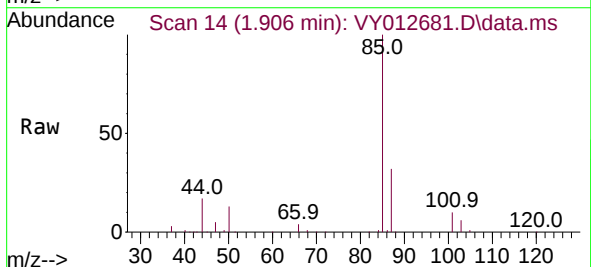
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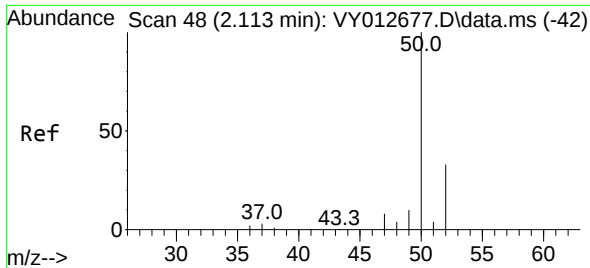
Tgt Ion:168 Resp: 116577
Ion Ratio Lower Upper
168 100
99 55.3 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 44.903 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 85 Resp: 53817
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

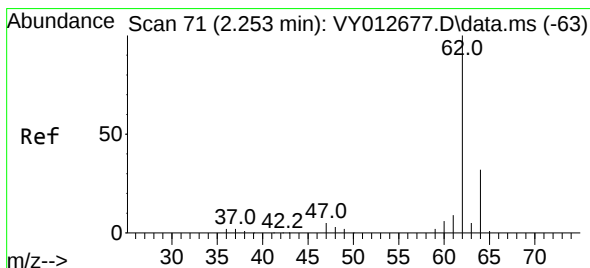
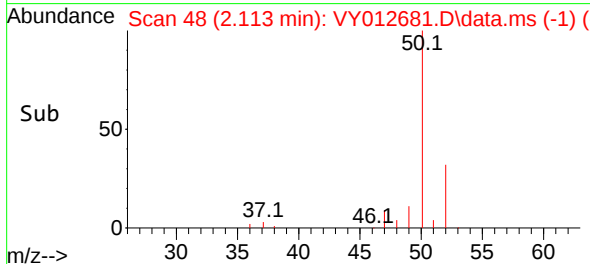
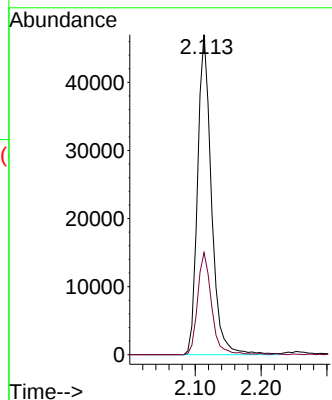
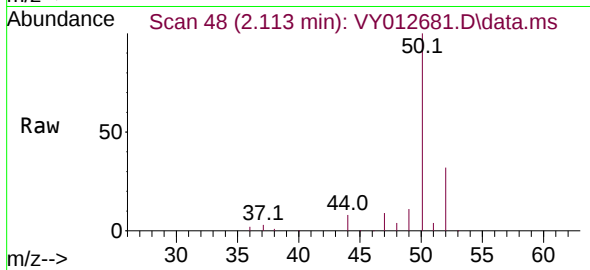




#3
Chloromethane
Concen: 47.984 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

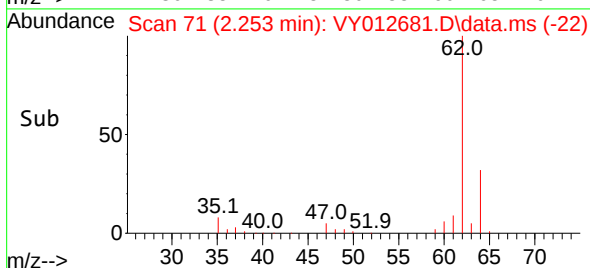
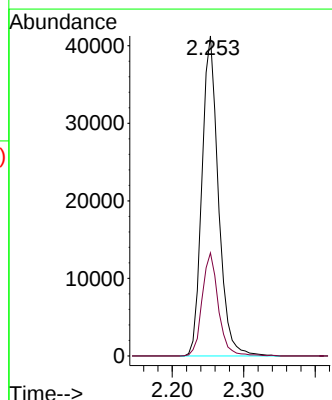
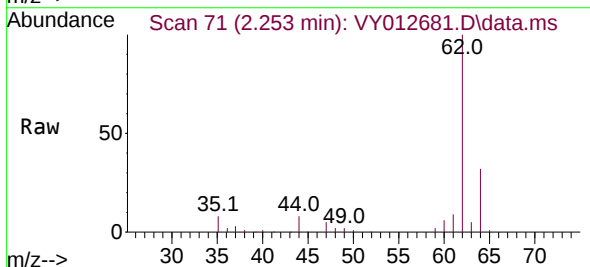
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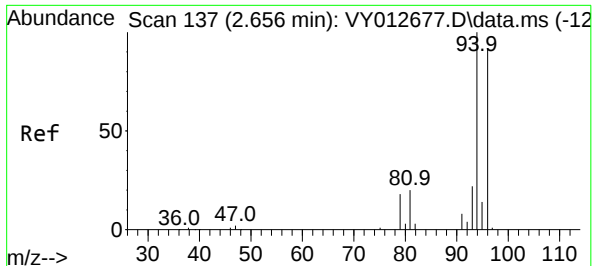
Tgt Ion: 50 Resp: 68780
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1



#4
Vinyl Chloride
Concen: 49.819 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 62 Resp: 65974
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2

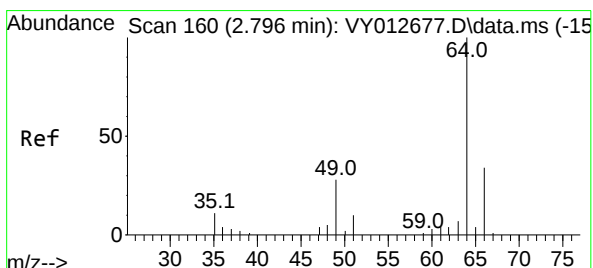
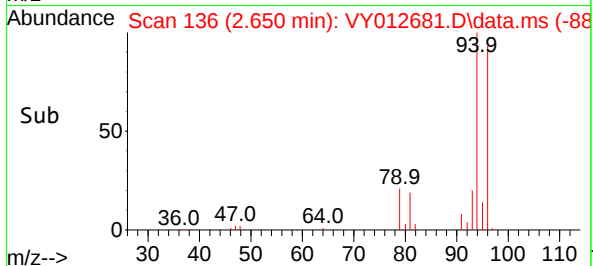
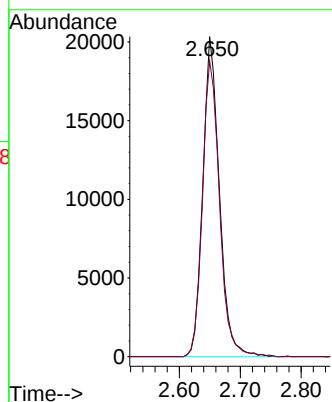
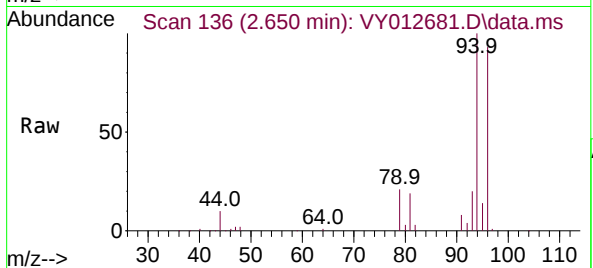




#5
Bromomethane
Concen: 53.121 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

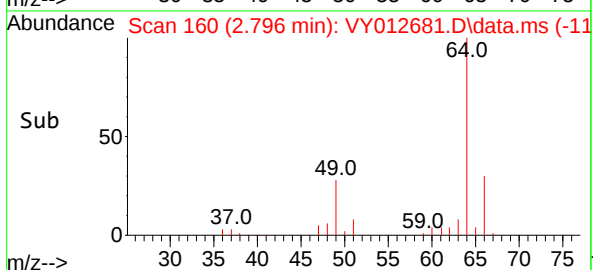
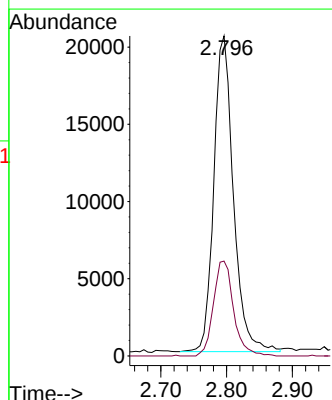
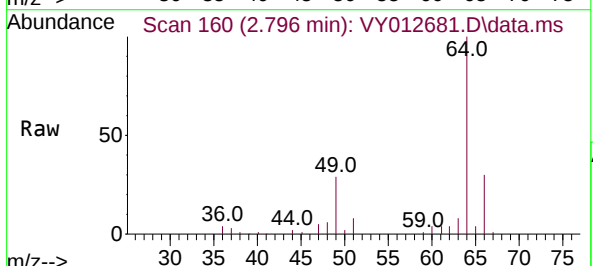
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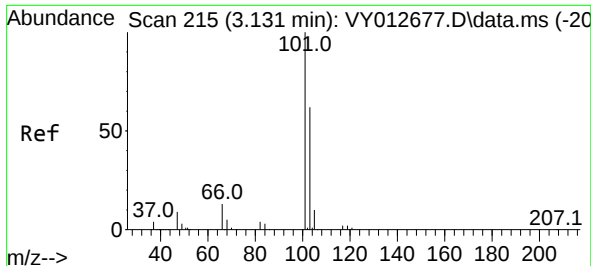
Tgt Ion: 94 Resp: 38527
Ion Ratio Lower Upper
94 100
96 92.5 73.9 110.9



#6
Chloroethane
Concen: 50.243 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 64 Resp: 42355
Ion Ratio Lower Upper
64 100
66 30.0 27.1 40.7

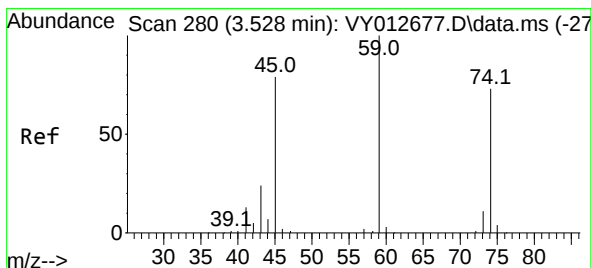
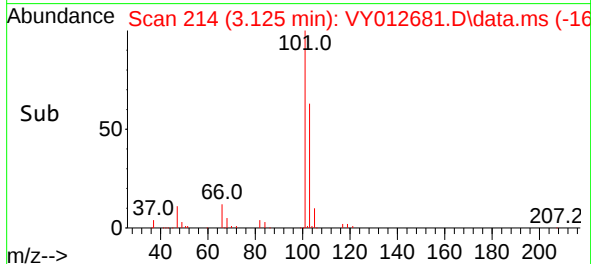
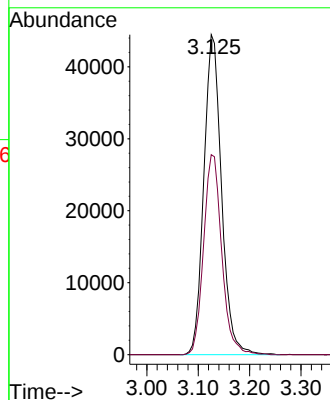
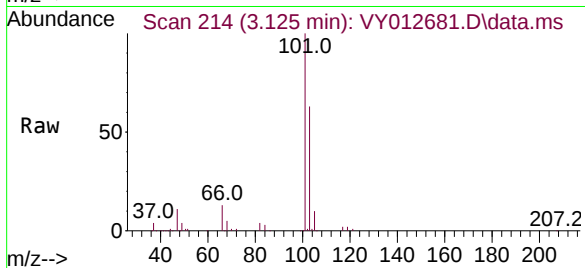




#7
 Trichlorofluoromethane
 Concen: 49.806 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

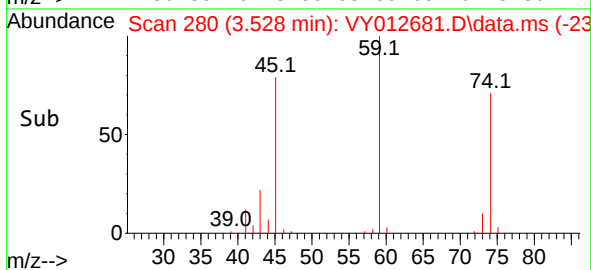
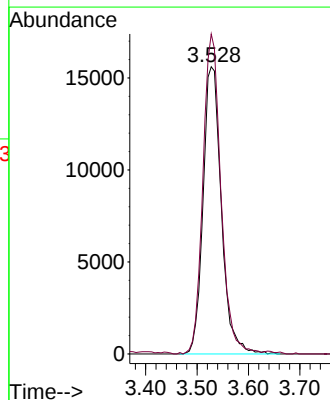
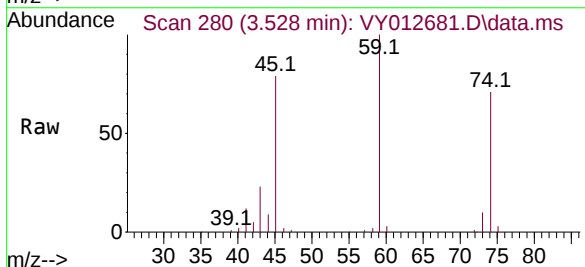
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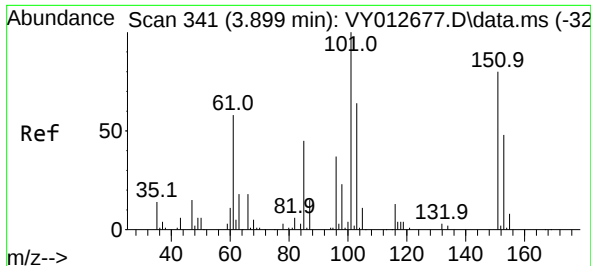
Tgt Ion:101 Resp: 106319
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.8 74.6



#8
 Diethyl Ether
 Concen: 50.480 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

Tgt Ion: 74 Resp: 38580
 Ion Ratio Lower Upper
 74 100
 45 109.9 54.6 163.9

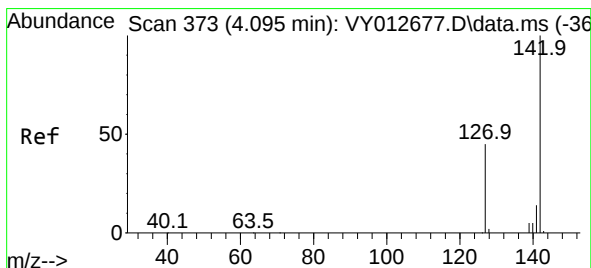
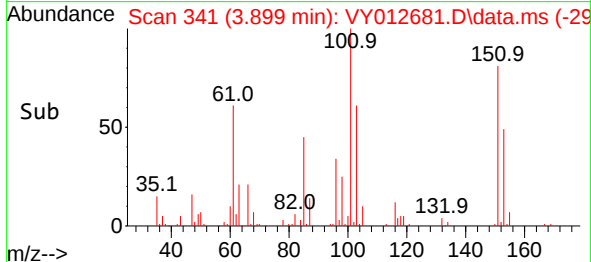
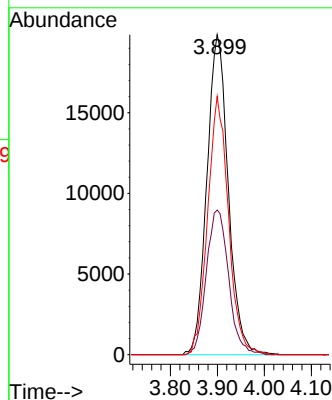
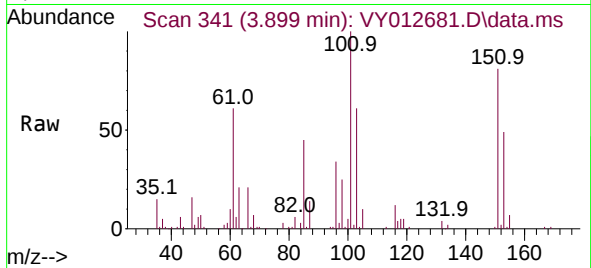




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.155 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012681.D
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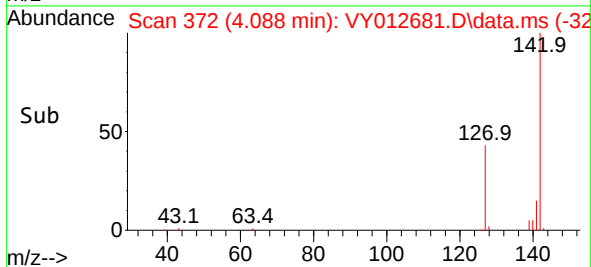
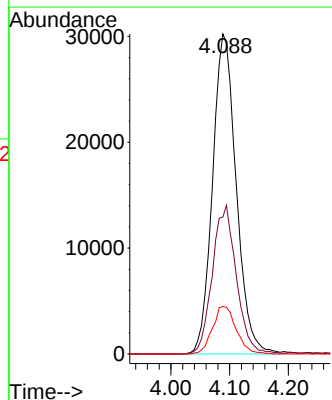
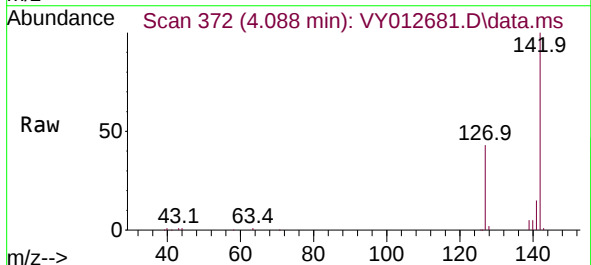
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

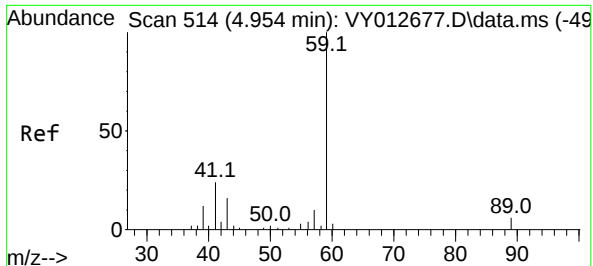
Tgt Ion:101 Resp: 62706
Ion Ratio Lower Upper
101 100
85 47.1 36.4 54.6
151 78.5 63.1 94.7



#10
Methyl Iodide
Concen: 50.672 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:142 Resp: 84640
Ion Ratio Lower Upper
142 100
127 47.0 37.3 55.9
141 14.8 11.6 17.4

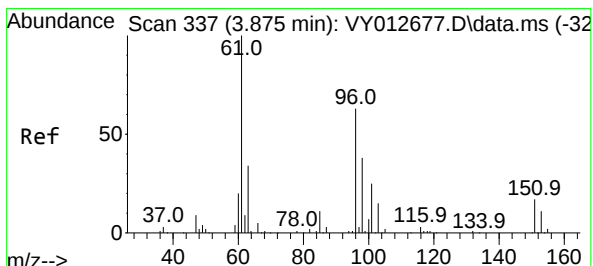
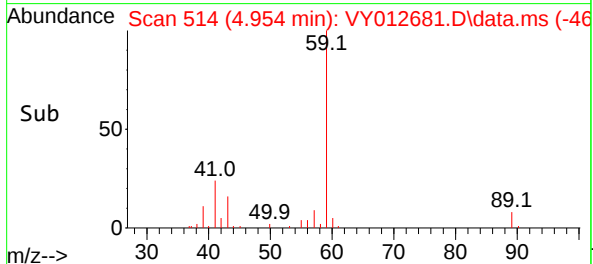
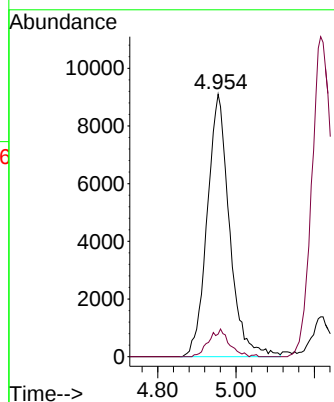
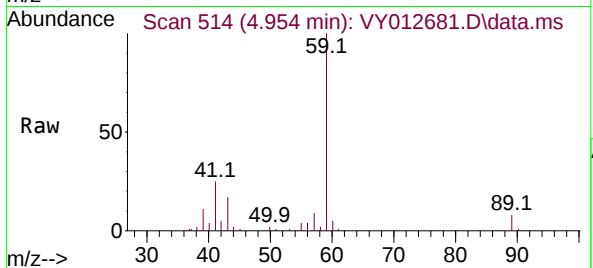




#11
Tert butyl alcohol
Concen: 238.817 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

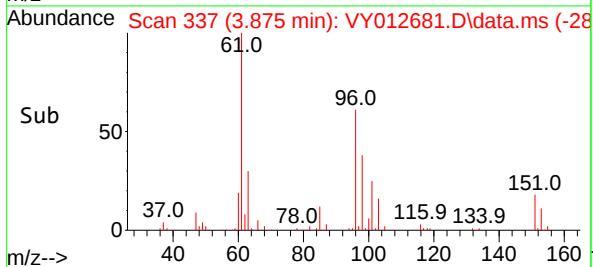
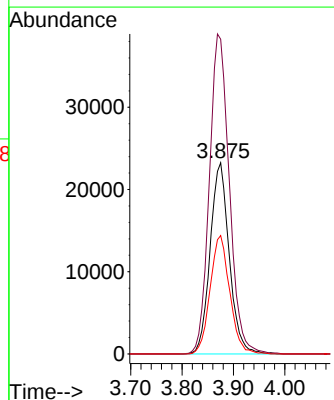
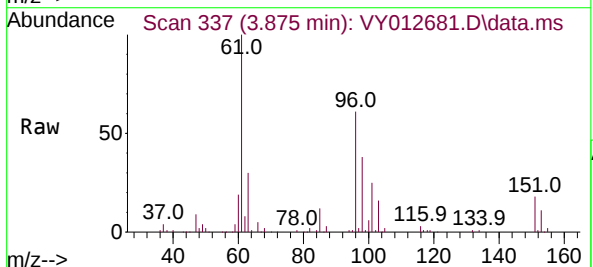
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

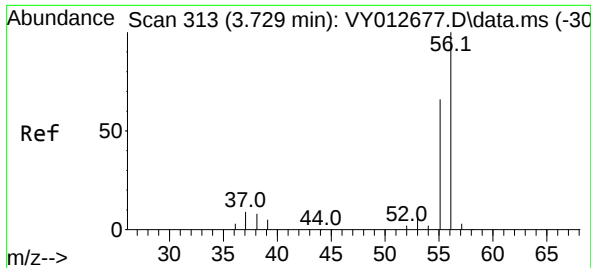
Tgt Ion: 59 Resp: 35968
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.765 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 96 Resp: 60056
Ion Ratio Lower Upper
96 100
61 164.6 127.3 190.9
98 61.9 49.0 73.4





#13

Acrolein

Concen: 267.290 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

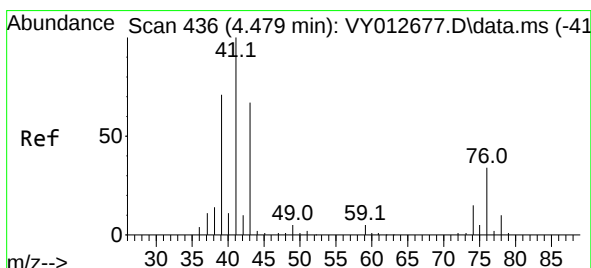
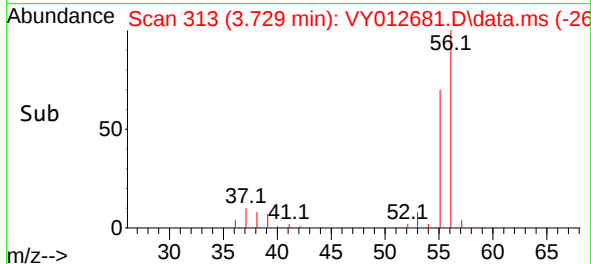
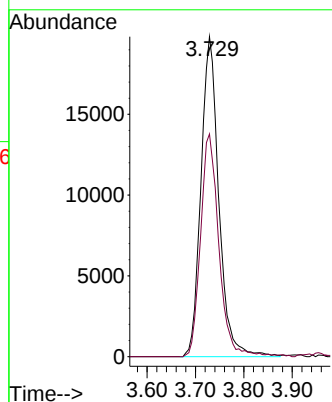
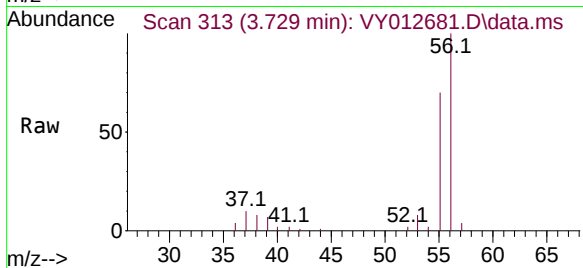
ICVY022123

Tgt Ion: 56 Resp: 50863

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5



#14

Allyl chloride

Concen: 49.735 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

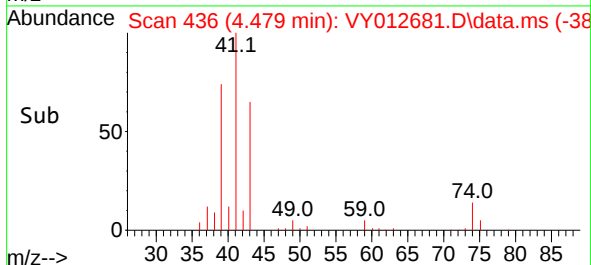
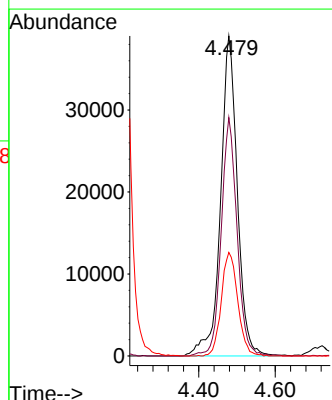
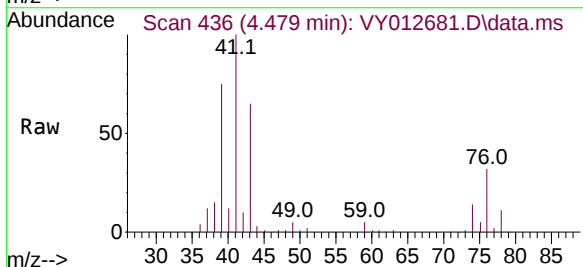
Tgt Ion: 41 Resp: 118875

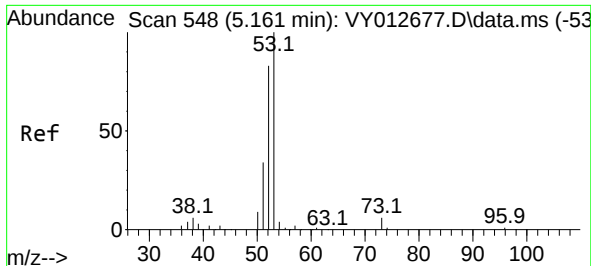
Ion Ratio Lower Upper

41 100

39 70.2 53.8 80.8

76 31.8 25.8 38.6

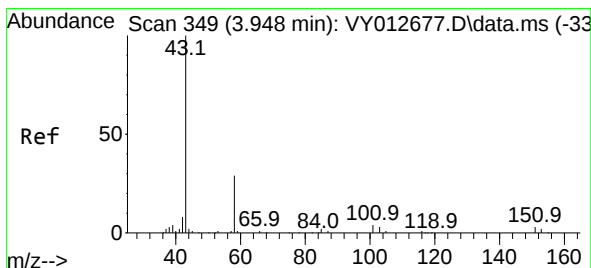
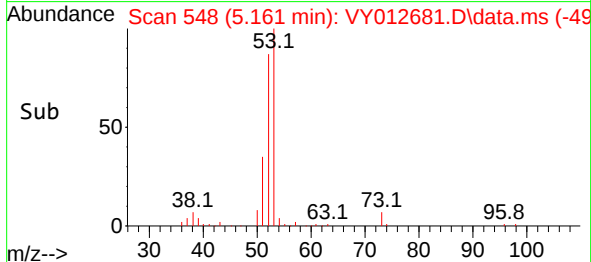
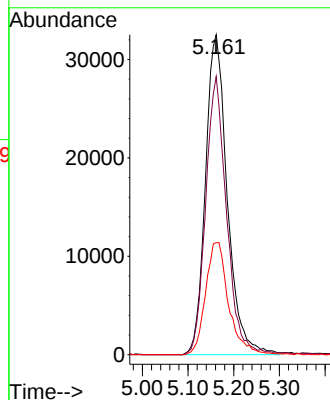
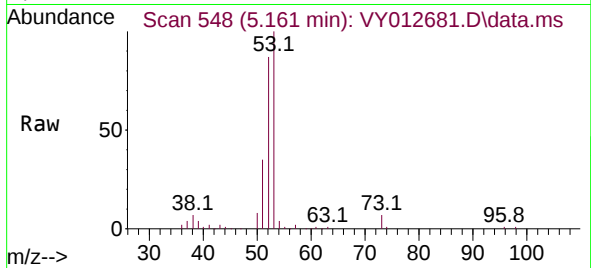




#15
Acrylonitrile
Concen: 265.667 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

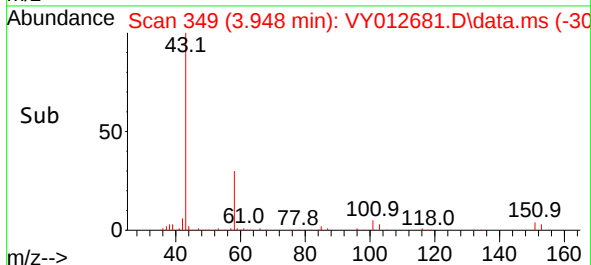
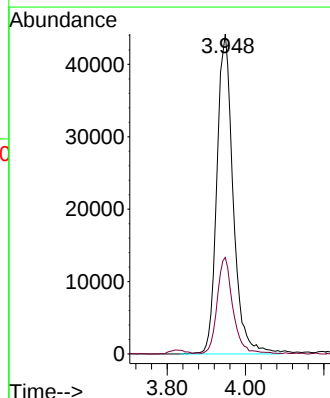
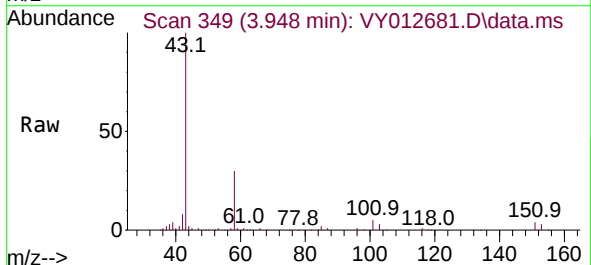
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

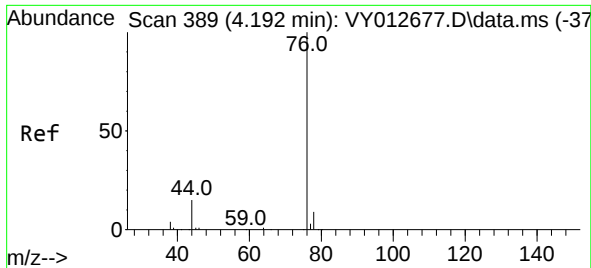
Tgt Ion: 53 Resp: 108020
Ion Ratio Lower Upper
53 100
52 83.1 65.2 97.8
51 37.1 28.6 43.0



#16
Acetone
Concen: 284.067 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 43 Resp: 127622
Ion Ratio Lower Upper
43 100
58 29.9 23.3 34.9

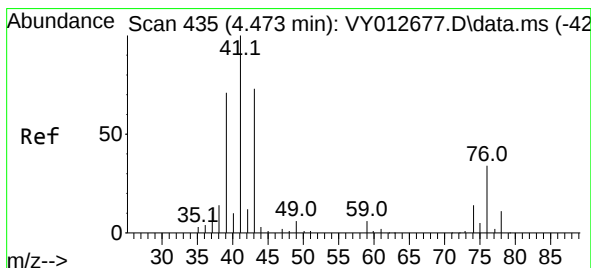
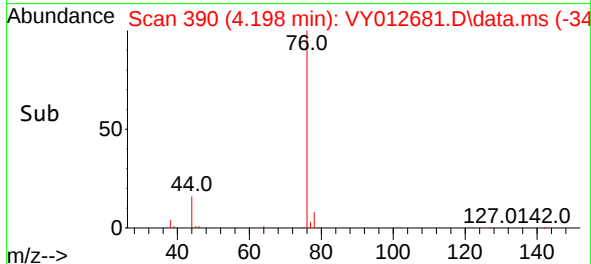
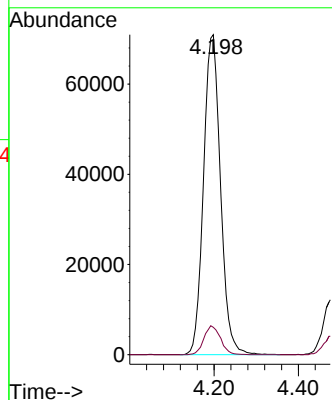
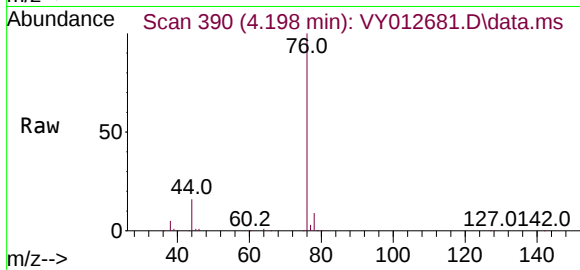




#17
Carbon Disulfide
Concen: 47.974 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

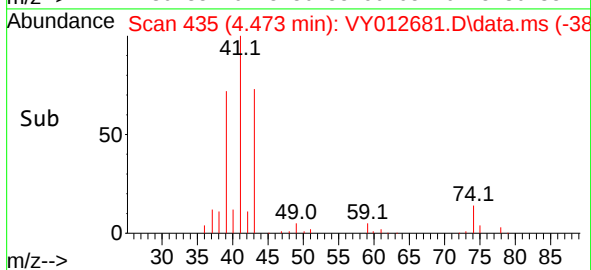
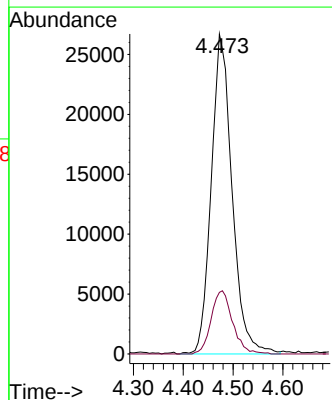
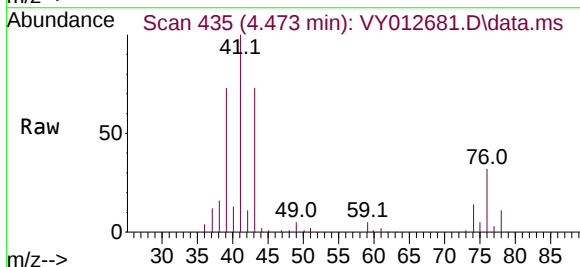
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

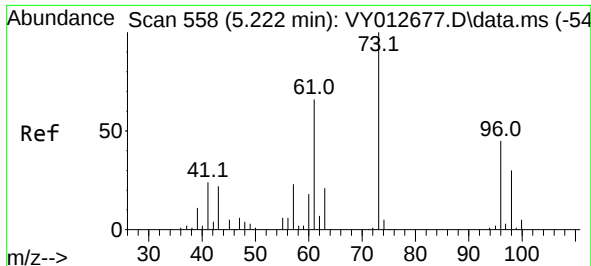
Tgt Ion: 76 Resp: 198820
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 53.545 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 43 Resp: 77493
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7

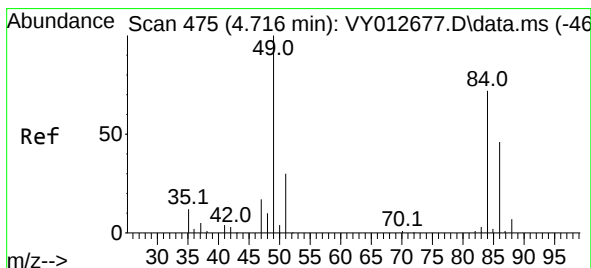
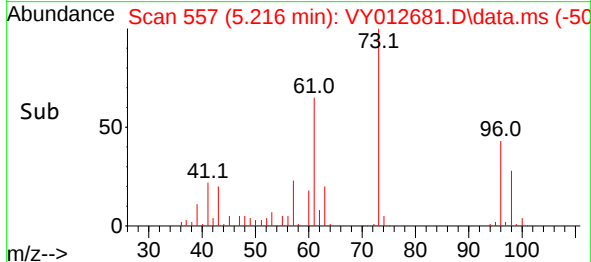
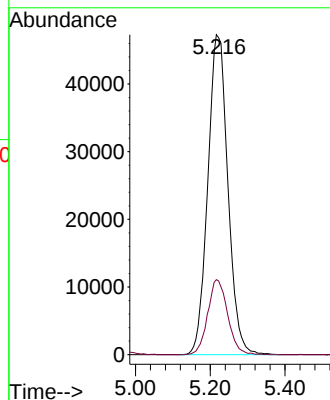
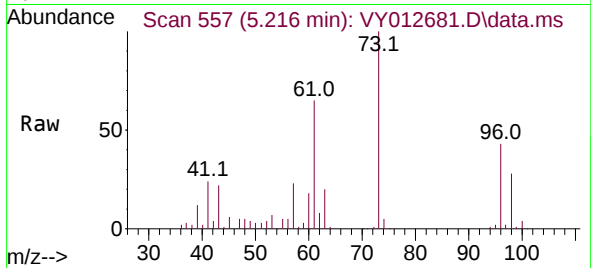




#19
Methyl tert-butyl Ether
Concen: 53.281 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

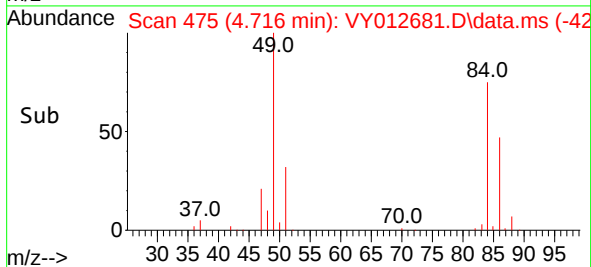
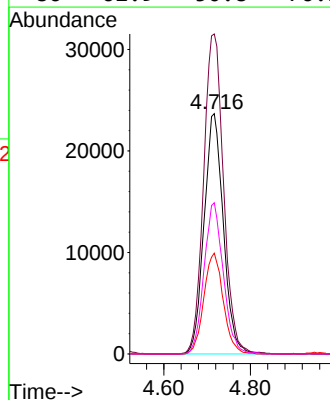
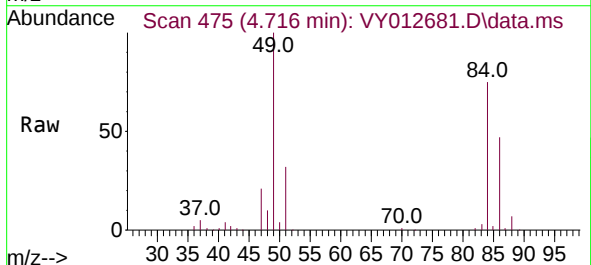
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

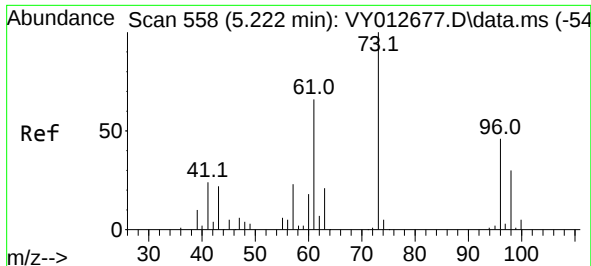
Tgt Ion: 73 Resp: 176504
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1



#20
Methylene Chloride
Concen: 52.592 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 84 Resp: 73310
Ion Ratio Lower Upper
84 100
49 133.2 111.1 166.7
51 42.0 33.5 50.3
86 62.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.228 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022123

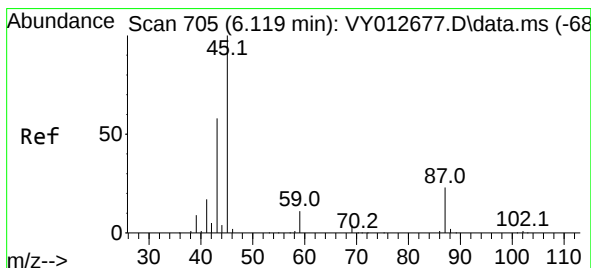
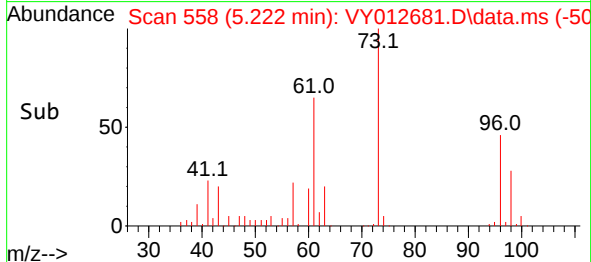
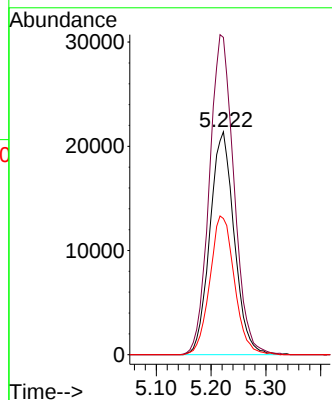
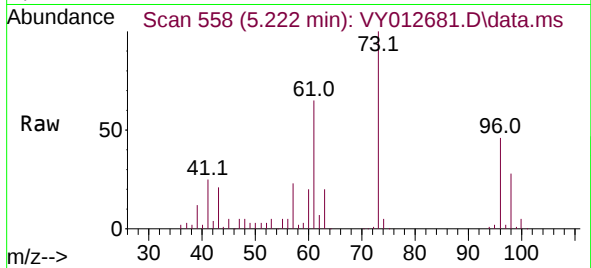
Tgt Ion: 96 Resp: 65945

Ion Ratio Lower Upper

96 100

61 142.4 116.1 174.1

98 61.1 52.3 78.5



#22

Diisopropyl ether

Concen: 50.117 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Tgt Ion: 45 Resp: 223528

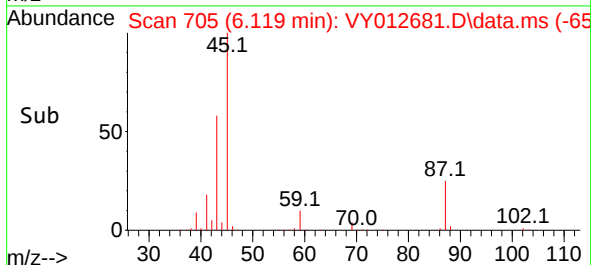
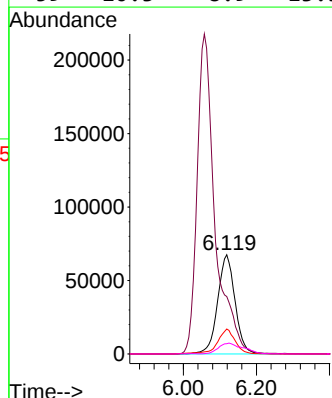
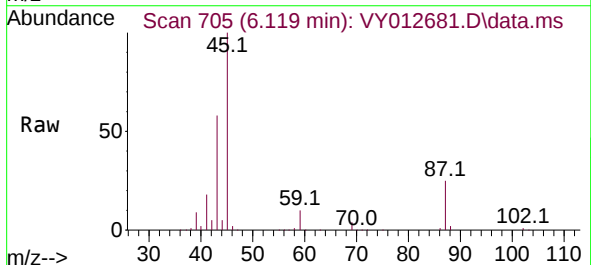
Ion Ratio Lower Upper

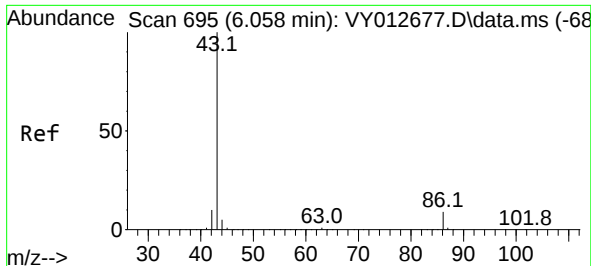
45 100

43 57.7 46.2 69.2

87 25.1 18.6 28.0

59 10.3 8.9 13.3

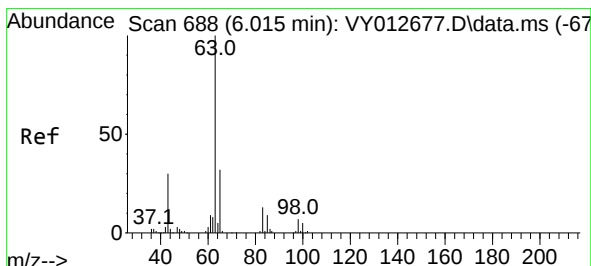
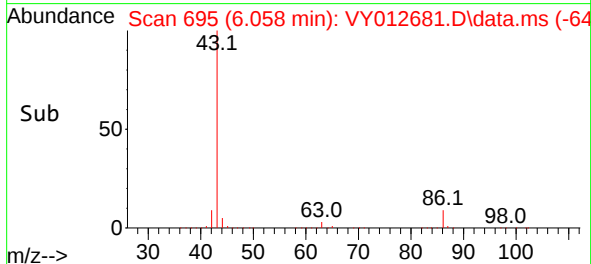
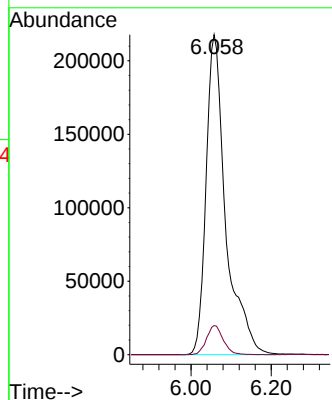
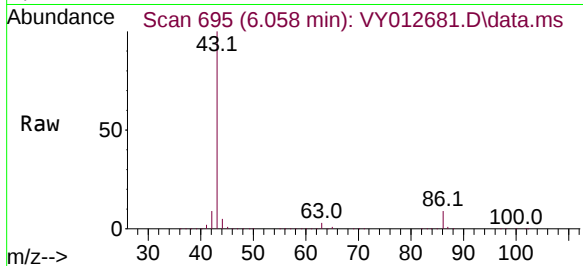




#23
 Vinyl Acetate
 Concen: 267.723 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

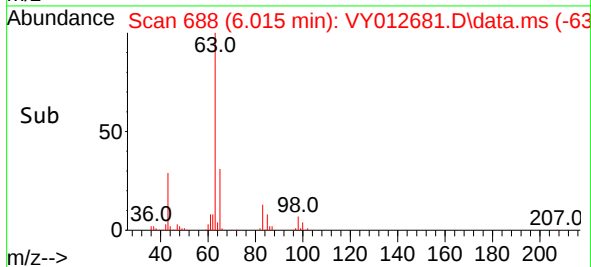
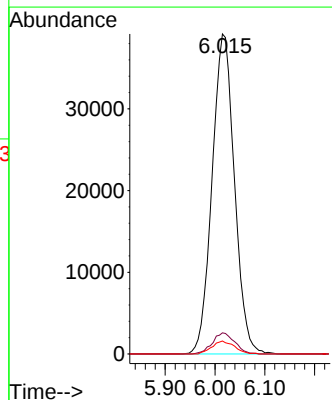
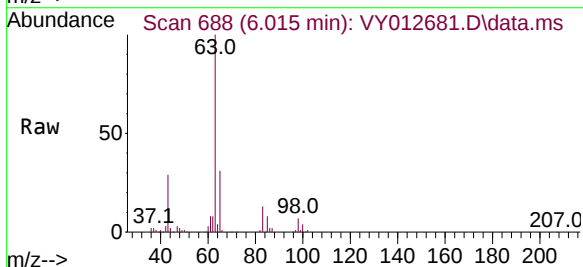
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022123

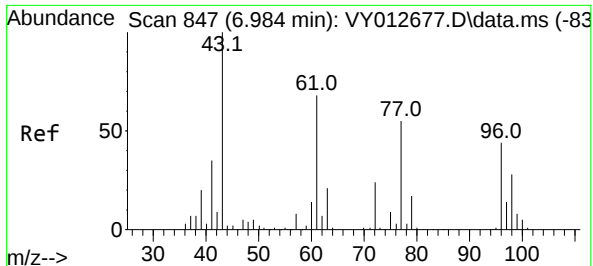
Tgt Ion: 43 Resp: 739542
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 49.319 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

Tgt Ion: 63 Resp: 121973
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.0 2.3 6.9





#25

2-Butanone

Concen: 278.548 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

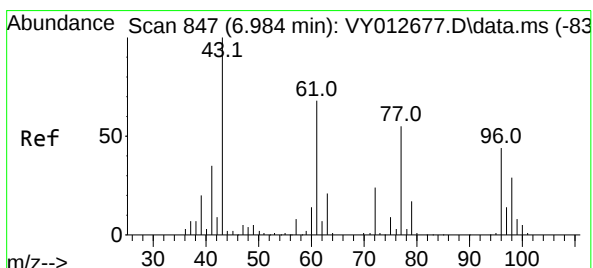
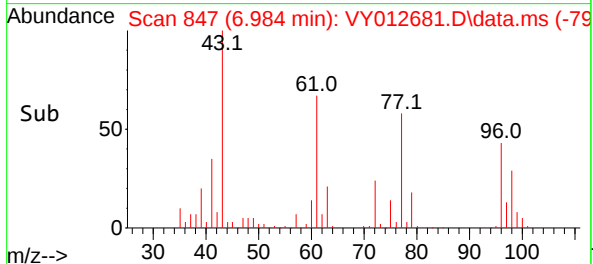
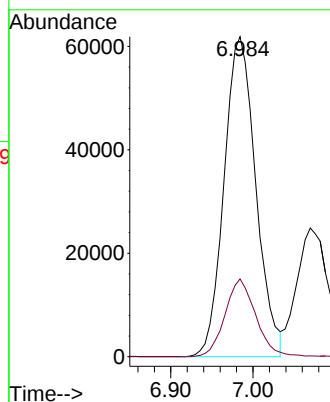
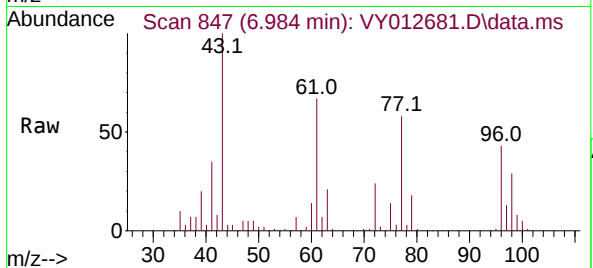
ICVVY022123

Tgt Ion: 43 Resp: 166093

Ion Ratio Lower Upper

43 100

72 24.3 18.8 28.2



#26

2,2-Dichloropropane

Concen: 49.953 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012681.D

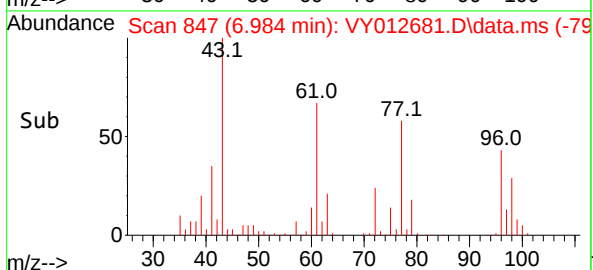
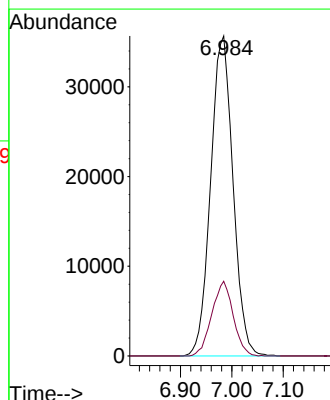
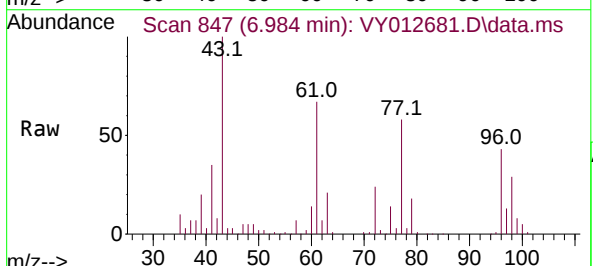
Acq: 21 Feb 2023 17:56

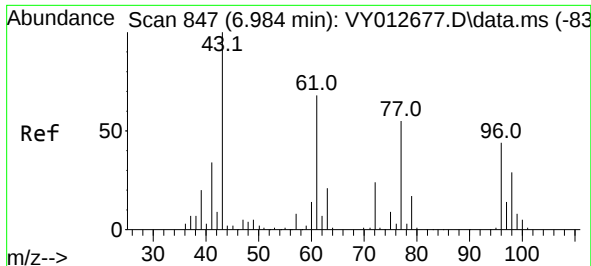
Tgt Ion: 77 Resp: 107767

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.1



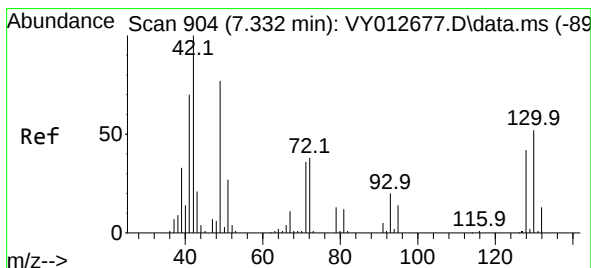
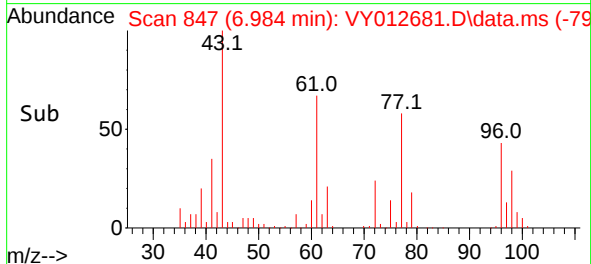
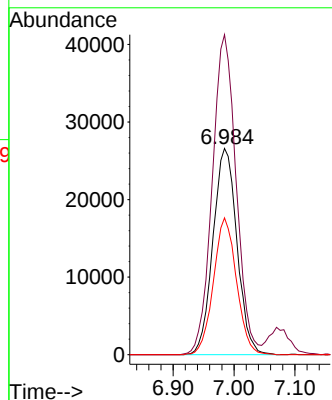
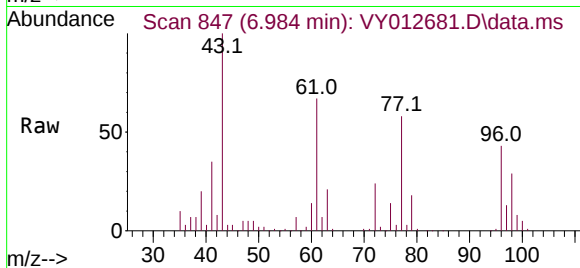


#27
 cis-1,2-Dichloroethene
 Concen: 49.670 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022123

Tgt Ion: 96 Resp: 72801

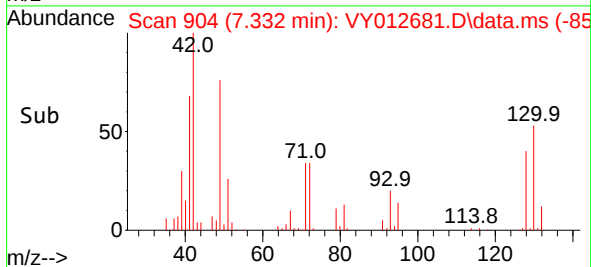
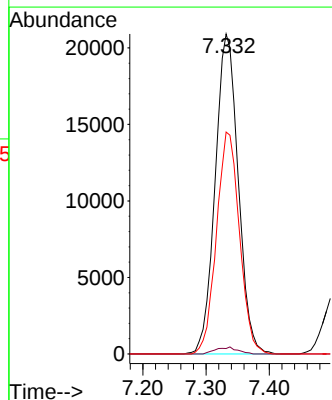
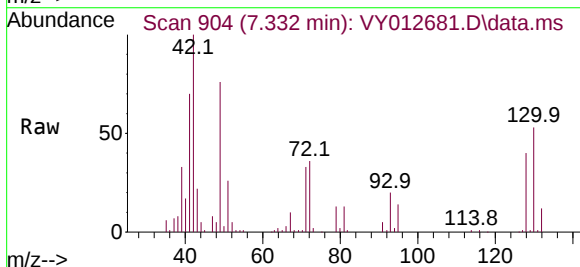
Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	308.8
98	63.7	0.0	129.0

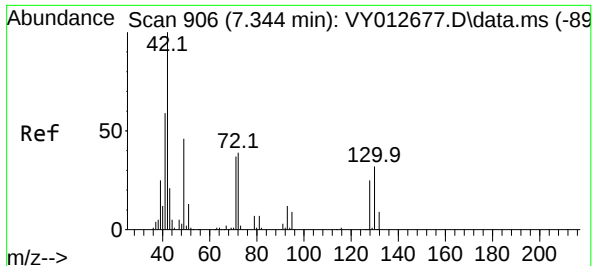


#28
 Bromochloromethane
 Concen: 53.316 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

Tgt Ion: 49 Resp: 52801

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	69.3	54.3	81.5





#29

Tetrahydrofuran

Concen: 278.571 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022123

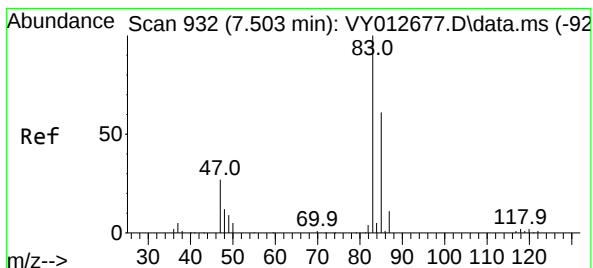
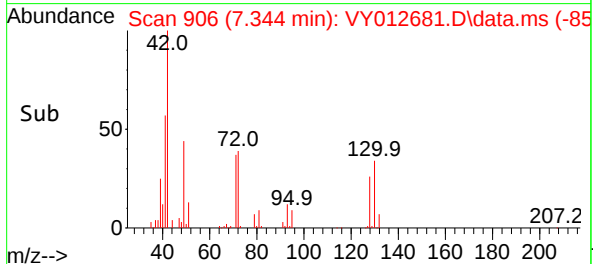
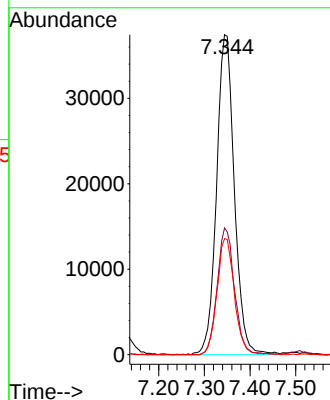
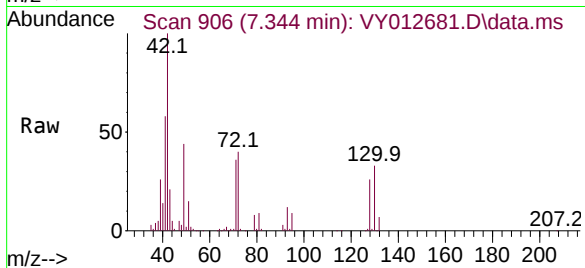
Tgt Ion: 42 Resp: 101411

Ion Ratio Lower Upper

42 100

72 38.5 30.6 45.8

71 35.6 28.6 42.8



#30

Chloroform

Concen: 49.430 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012681.D

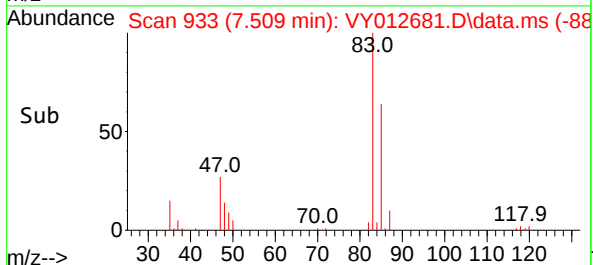
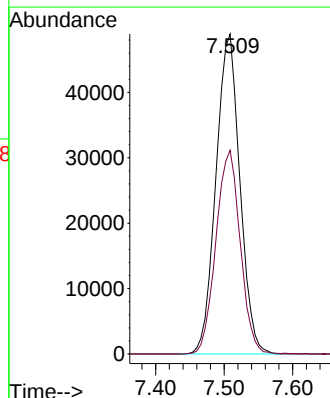
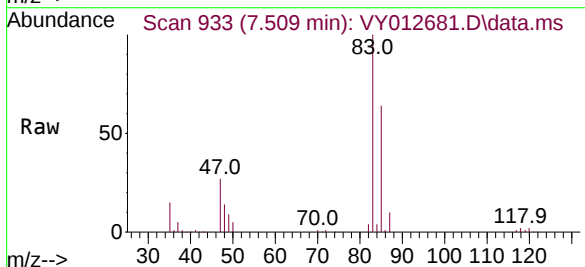
Acq: 21 Feb 2023 17:56

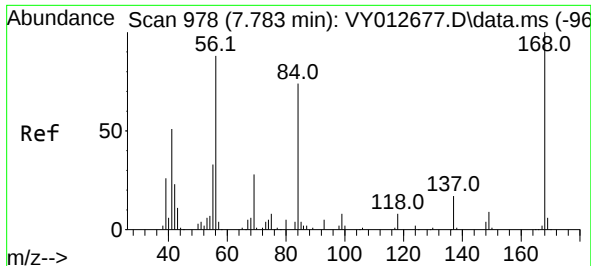
Tgt Ion: 83 Resp: 118453

Ion Ratio Lower Upper

83 100

85 63.7 48.9 73.3

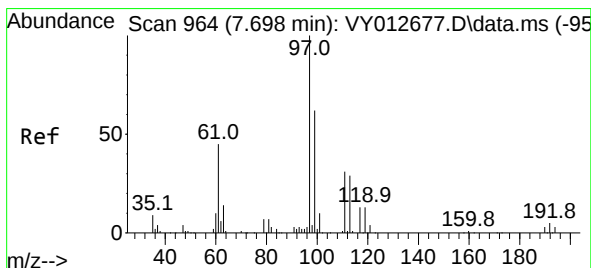
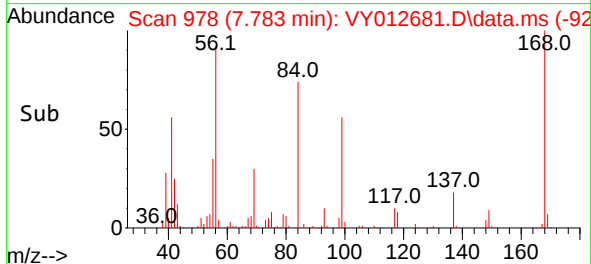
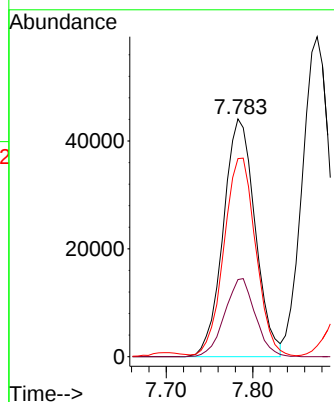
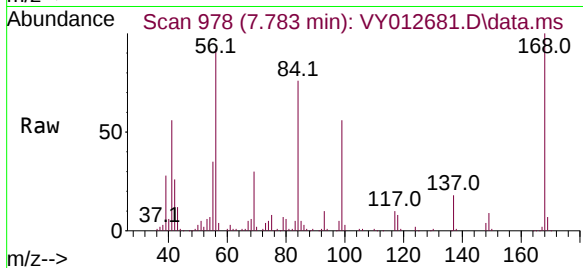




#31
Cyclohexane
Concen: 47.158 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

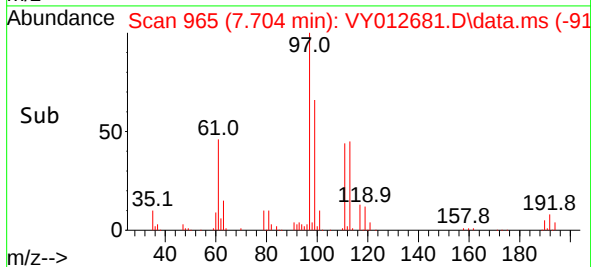
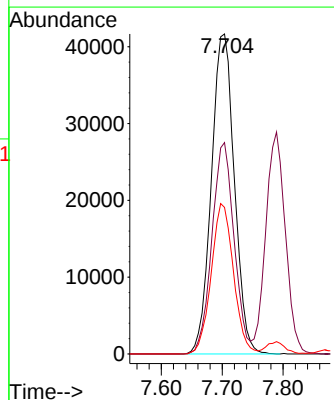
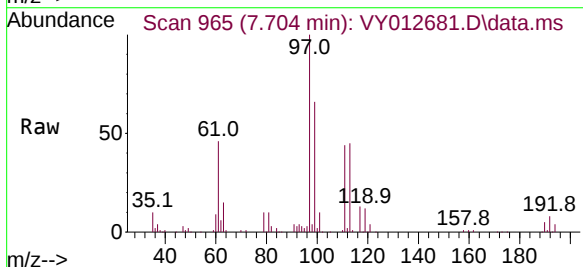
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

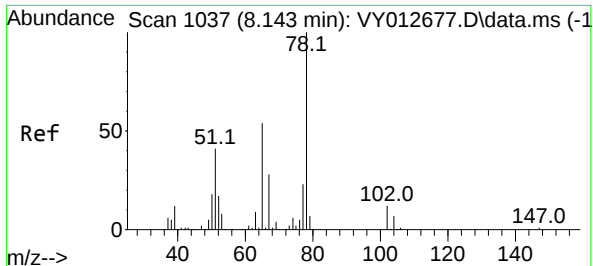
Tgt Ion: 56 Resp: 112802
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.2
84 82.2 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 50.283 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 97 Resp: 109080
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 45.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.125 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

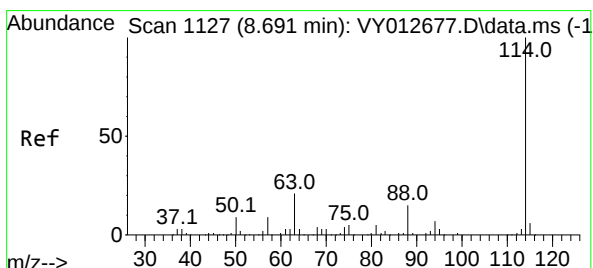
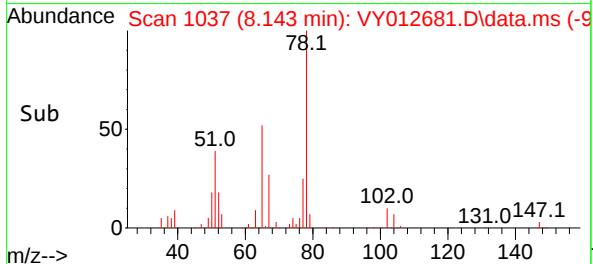
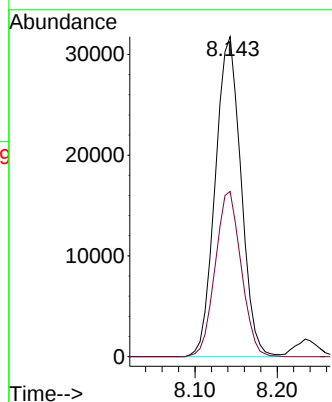
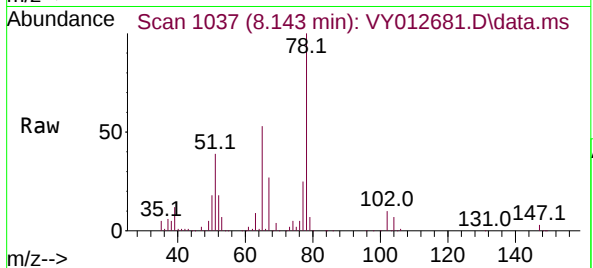
ICVVY022123

Tgt Ion: 65 Resp: 69014

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

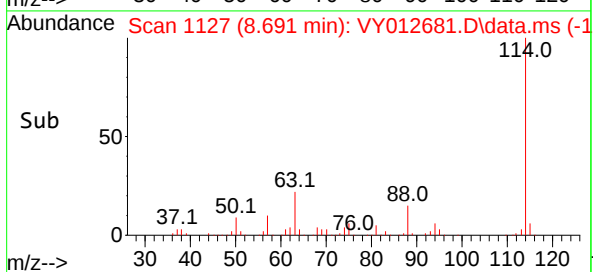
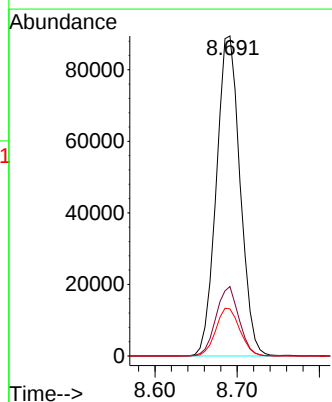
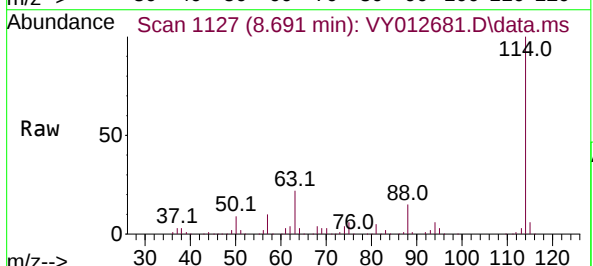
Tgt Ion: 114 Resp: 179303

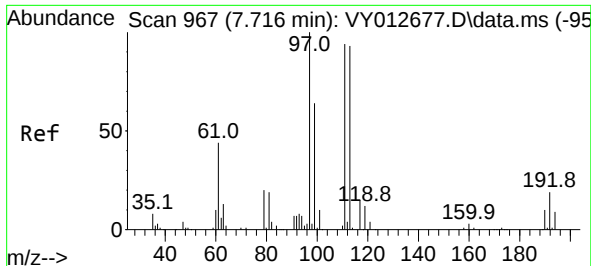
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.8

88 14.7 0.0 29.6

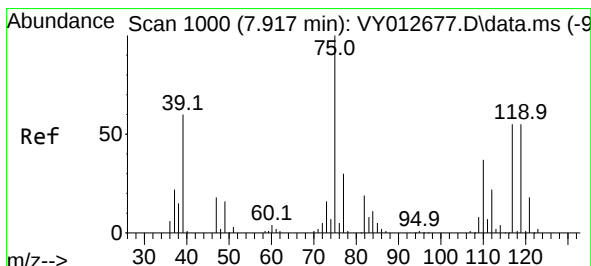
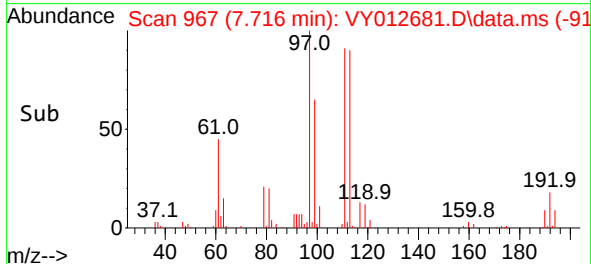
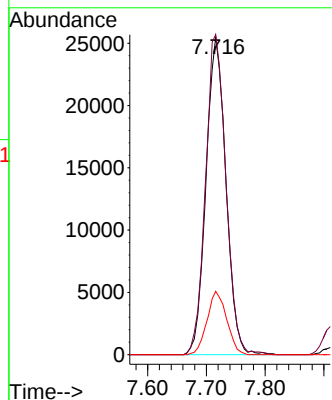
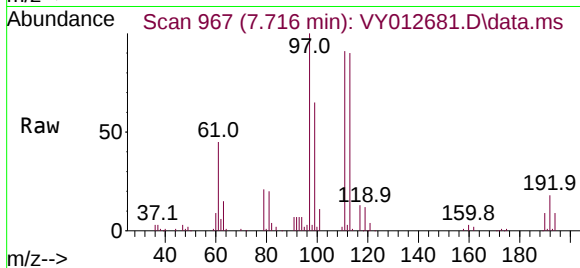




#35
Dibromofluoromethane
Concen: 49.577 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

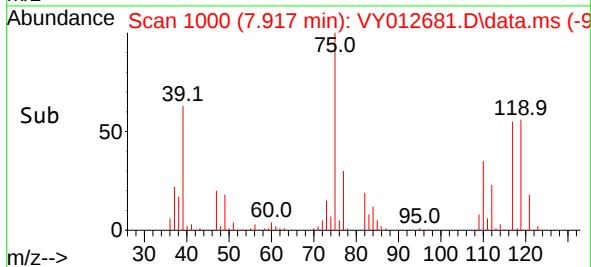
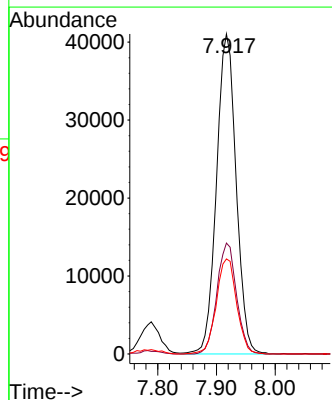
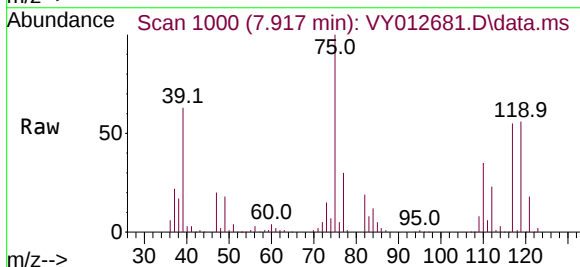
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

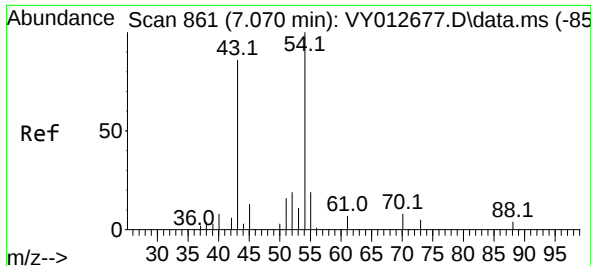
Tgt Ion:113 Resp: 60041
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 19.7 16.2 24.2



#36
1,1-Dichloropropene
Concen: 49.647 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 75 Resp: 95305
Ion Ratio Lower Upper
75 100
110 34.6 17.6 52.8
77 30.8 24.6 37.0

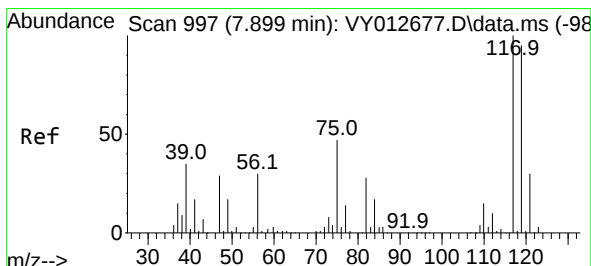
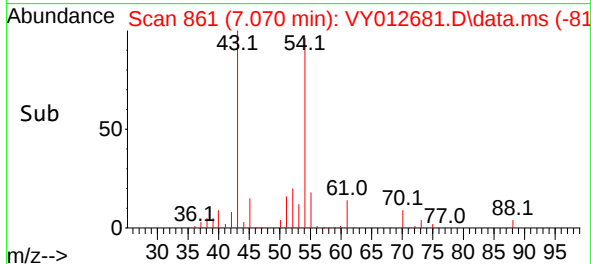
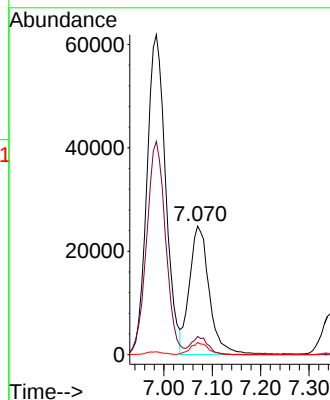
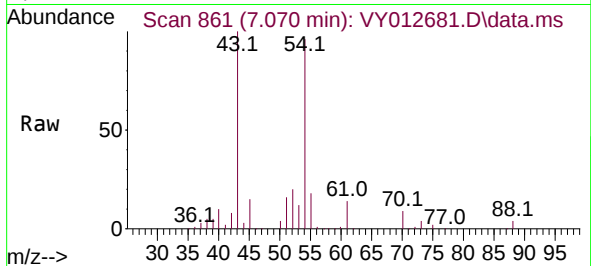




#37
Ethyl Acetate
Concen: 54.277 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

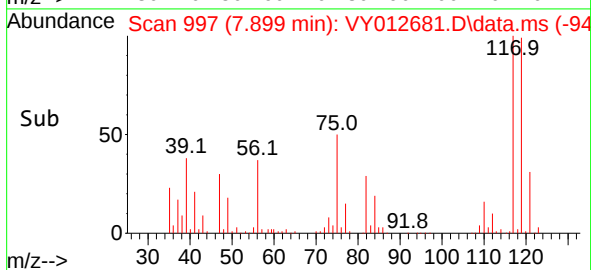
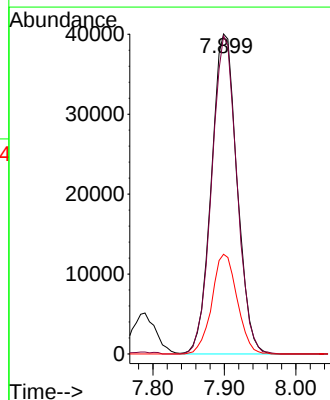
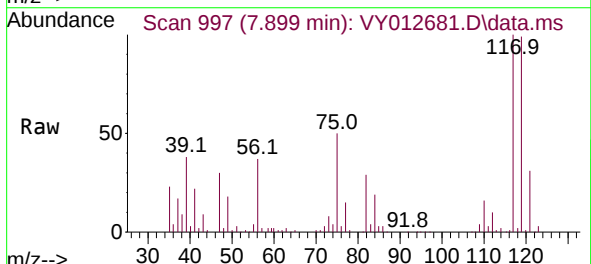
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

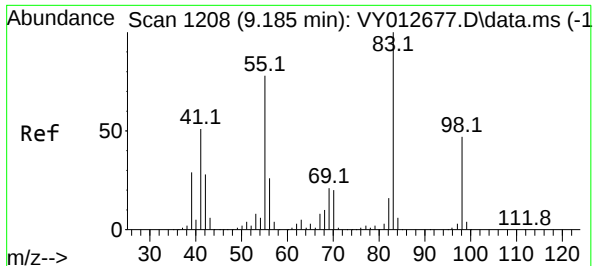
Tgt Ion:	43	Resp:	70306
Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.9	14.9
70	8.5	6.4	9.6



#38
Carbon Tetrachloride
Concen: 50.276 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:	117	Resp:	99794
Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.5	113.3
121	31.2	23.8	35.8





#39

Methylcyclohexane

Concen: 50.500 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022123

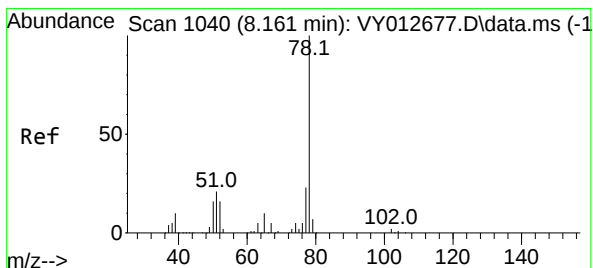
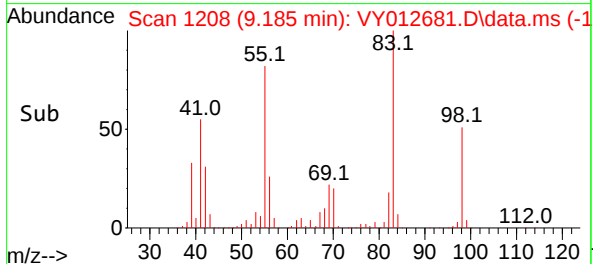
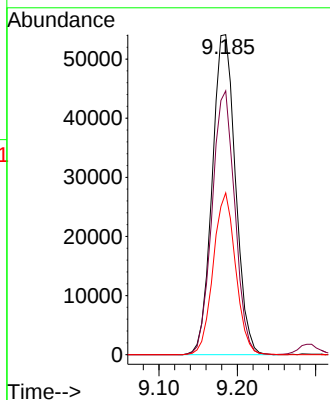
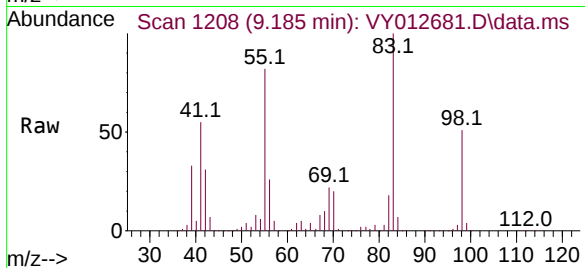
Tgt Ion: 83 Resp: 111827

Ion Ratio Lower Upper

83 100

55 82.5 62.5 93.7

98 50.5 37.8 56.6



#40

Benzene

Concen: 48.853 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012681.D

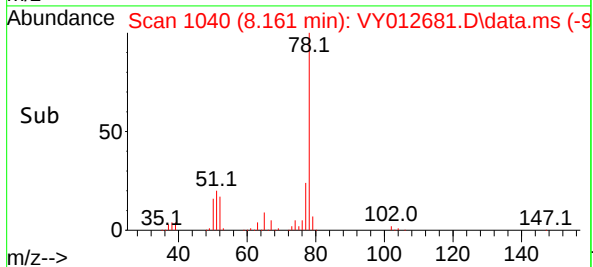
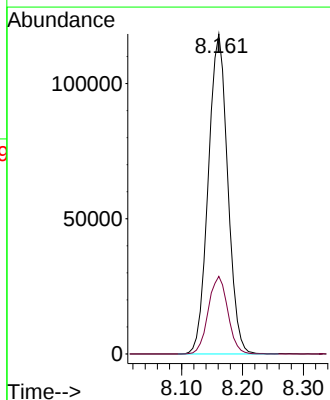
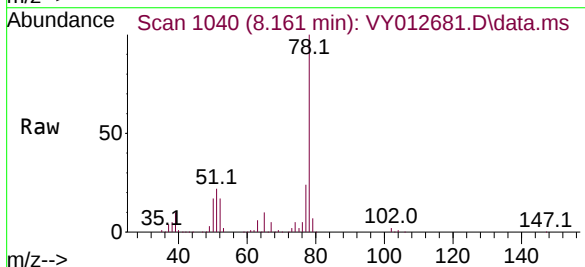
Acq: 21 Feb 2023 17:56

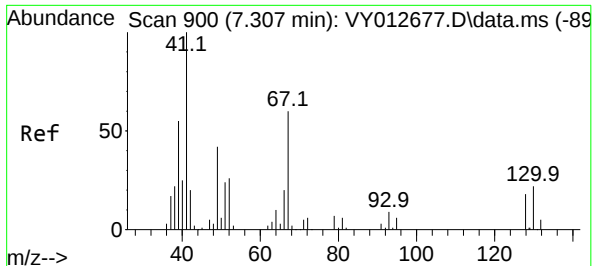
Tgt Ion: 78 Resp: 261777

Ion Ratio Lower Upper

78 100

77 24.3 18.5 27.7

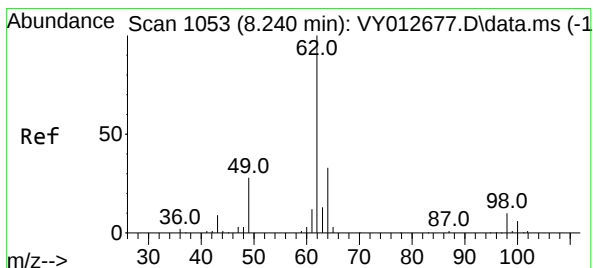
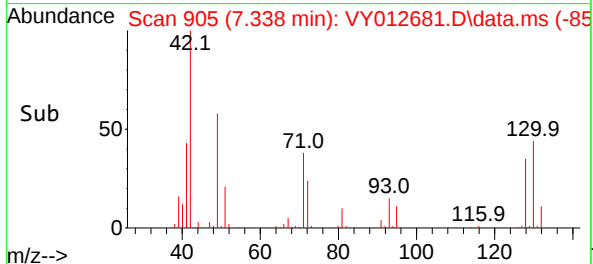
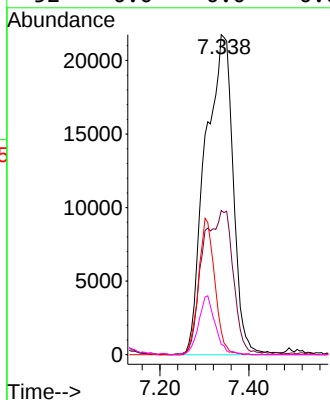
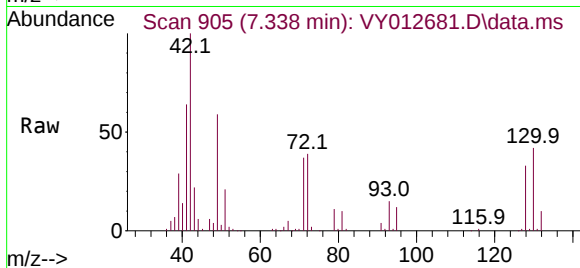




#41
Methacrylonitrile
Concen: 149.242 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

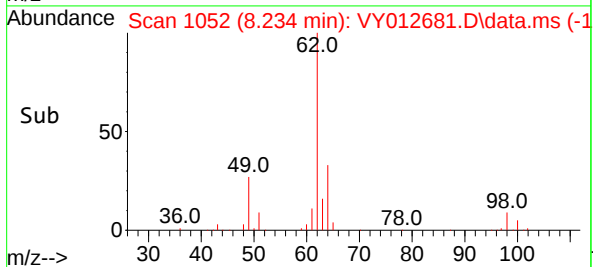
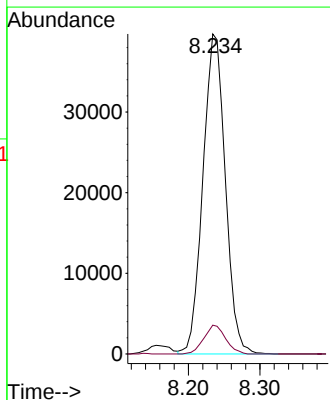
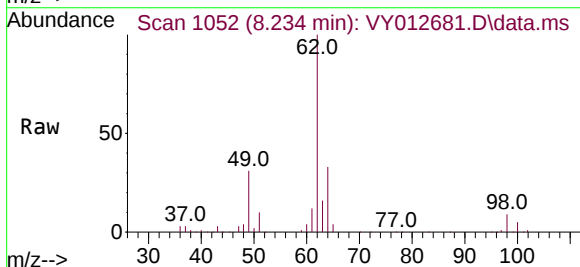
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

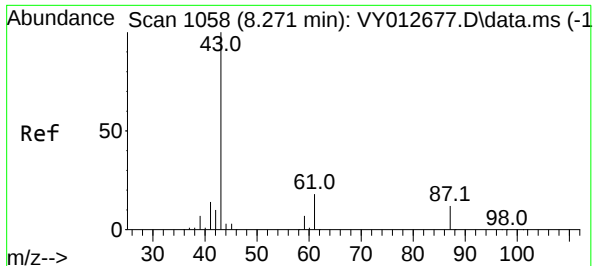
Tgt Ion:	41	Resp:	94153
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.937 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:	62	Resp:	86297
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.8

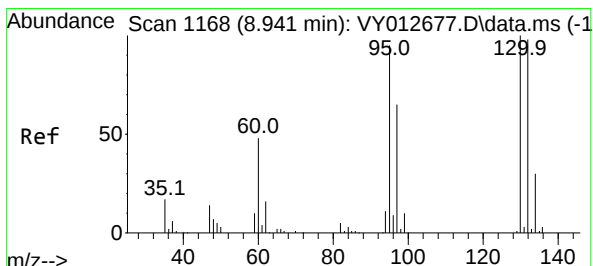
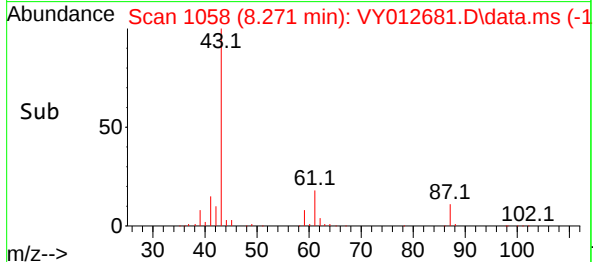
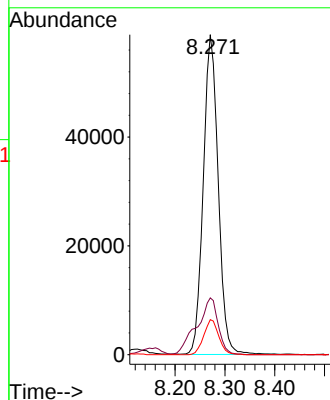
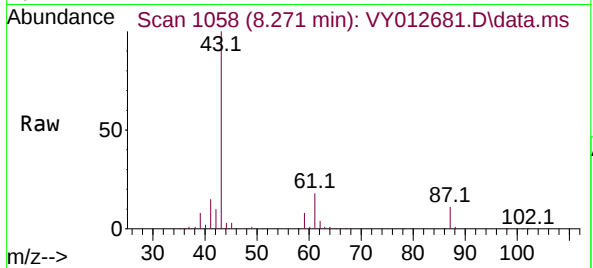




#43
Isopropyl Acetate
Concen: 54.560 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

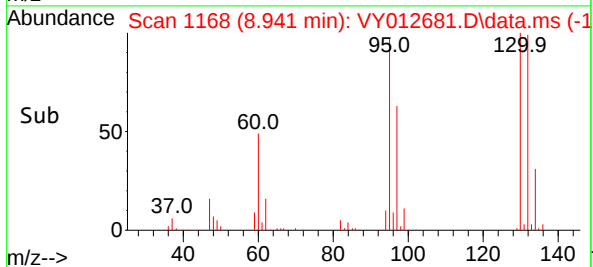
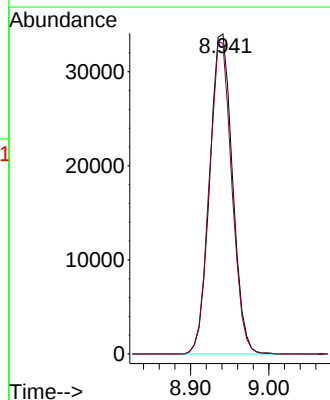
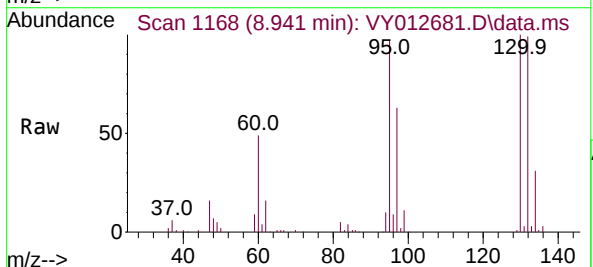
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

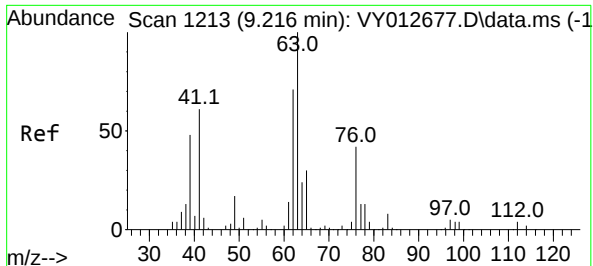
Tgt Ion: 43 Resp: 122125
Ion Ratio Lower Upper
43 100
61 25.4 20.5 30.7
87 11.0 9.2 13.8



#44
Trichloroethene
Concen: 49.449 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:130 Resp: 68507
Ion Ratio Lower Upper
130 100
95 97.0 0.0 190.6





#45

1,2-Dichloropropane

Concen: 48.892 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

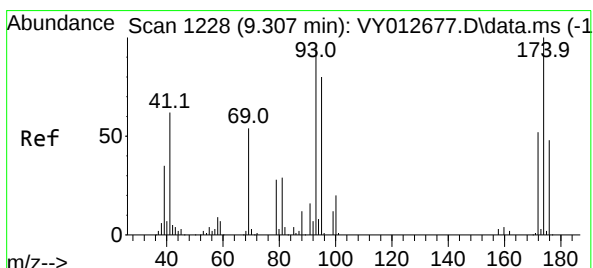
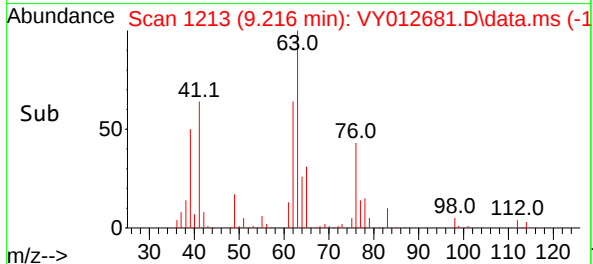
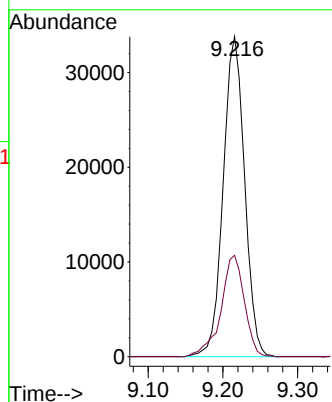
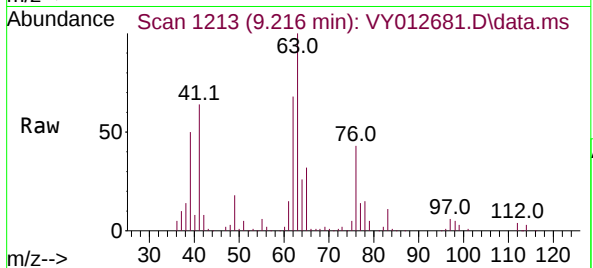
ICVVY022123

Tgt Ion: 63 Resp: 67389

Ion Ratio Lower Upper

63 100

65 31.7 23.9 35.9



#46

Dibromomethane

Concen: 51.201 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

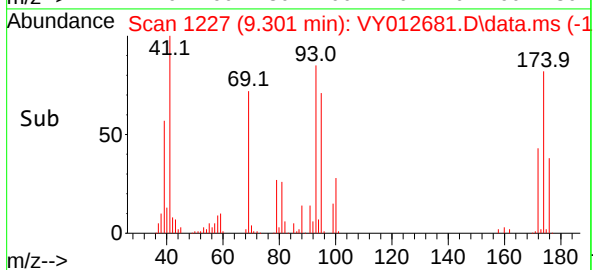
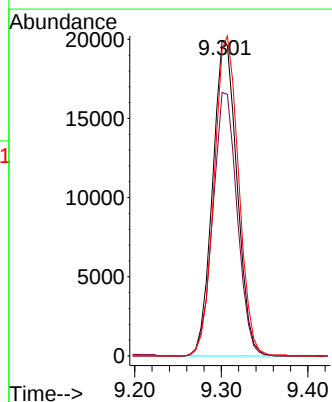
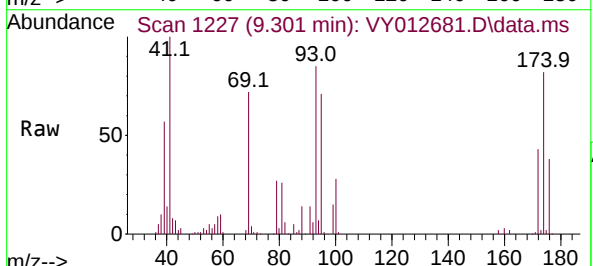
Tgt Ion: 93 Resp: 38957

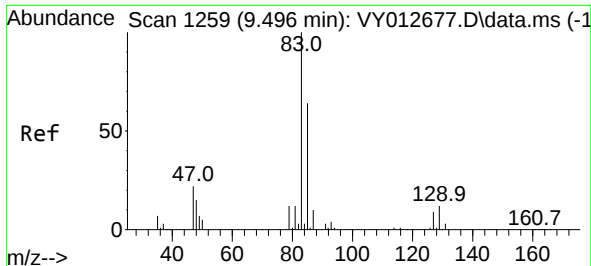
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 101.6 79.8 119.6

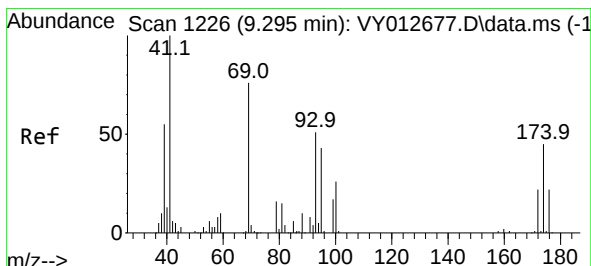
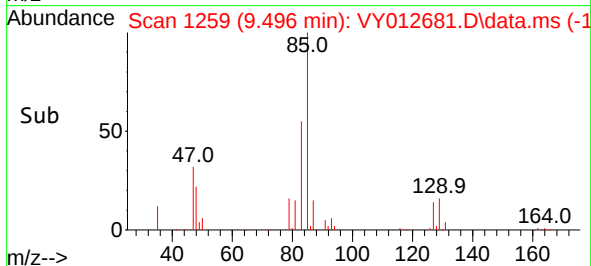
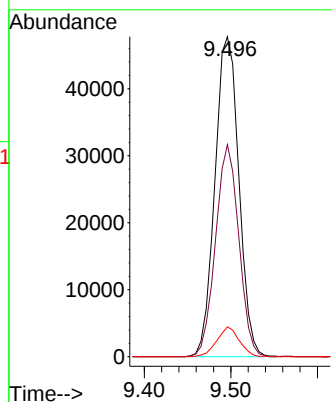
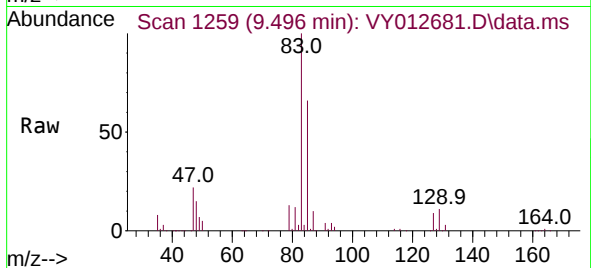




#47
Bromodichloromethane
Concen: 49.999 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

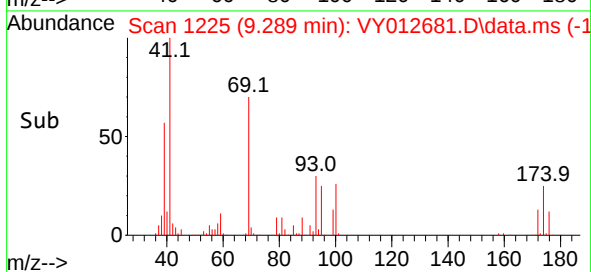
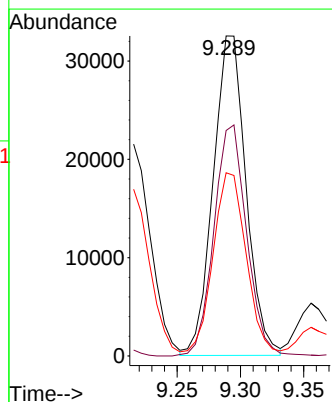
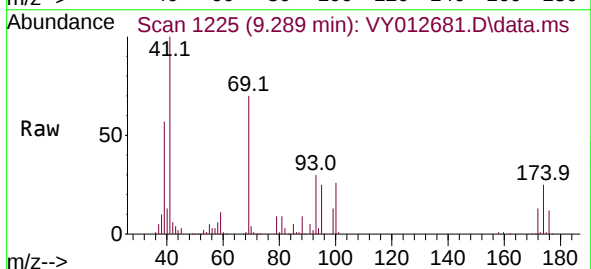
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

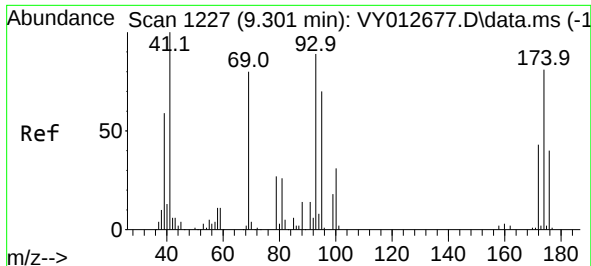
Tgt Ion: 83 Resp: 91583
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 56.251 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 41 Resp: 58755
Ion Ratio Lower Upper
41 100
69 71.9 62.6 93.8
39 55.9 45.1 67.7





#49

1,4-Dioxane

Concen: 900.276 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022123

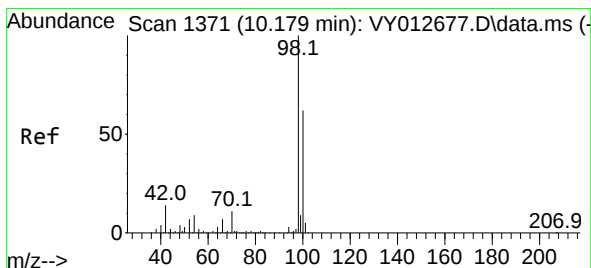
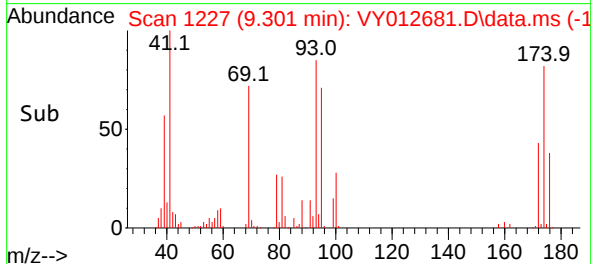
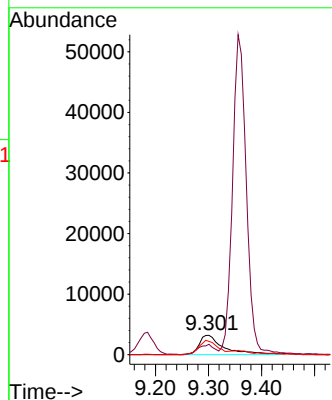
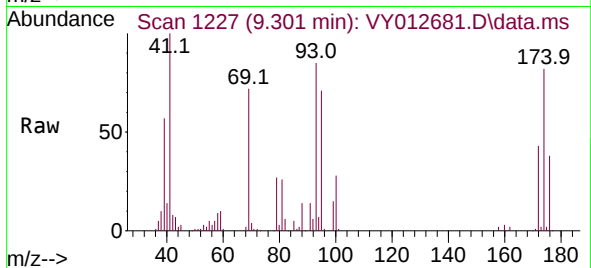
Tgt Ion: 88 Resp: 10450

Ion Ratio Lower Upper

88 100

43 34.9 23.1 34.7#

58 55.6 45.8 68.8



#50

Toluene-d8

Concen: 49.251 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012681.D

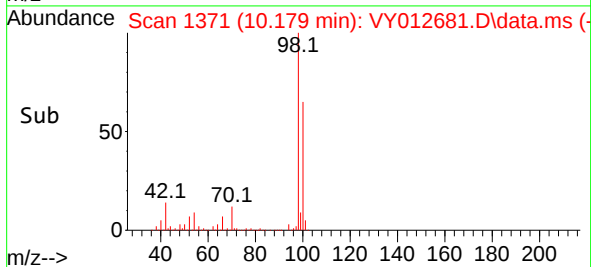
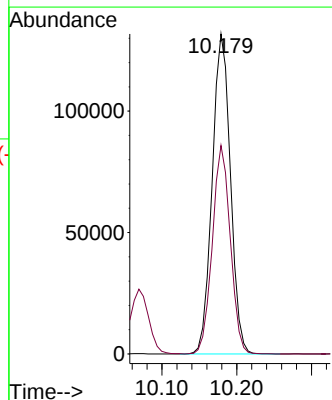
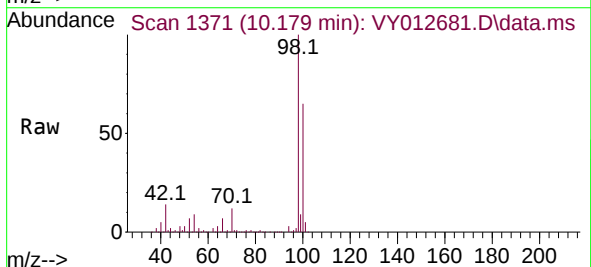
Acq: 21 Feb 2023 17:56

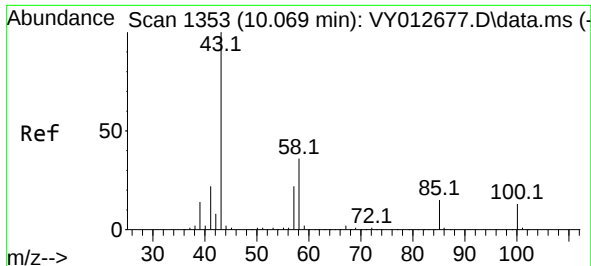
Tgt Ion: 98 Resp: 223461

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 278.261 ug/l

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

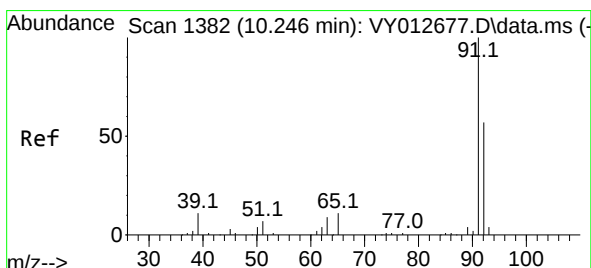
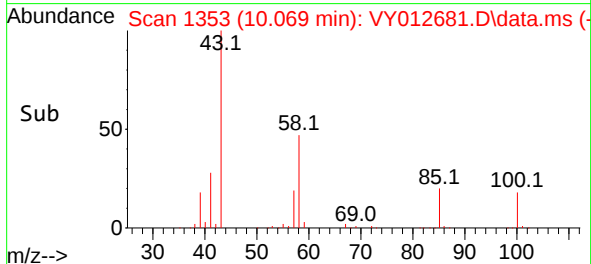
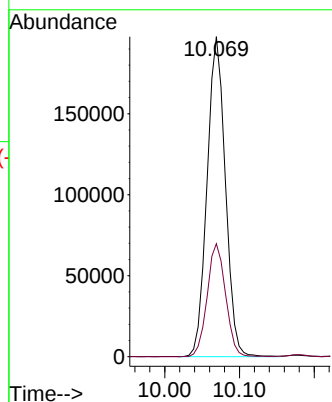
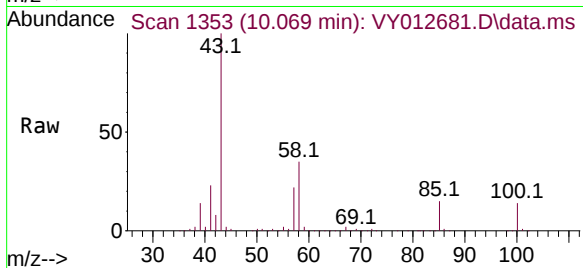
ICVY022123

Tgt Ion: 43 Resp: 335981

Ion Ratio Lower Upper

43 100

58 35.5 28.8 43.2



#52

Toluene

Concen: 50.354 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012681.D

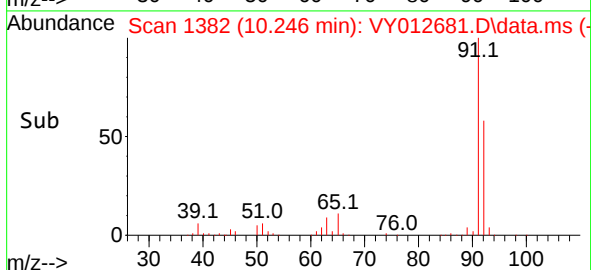
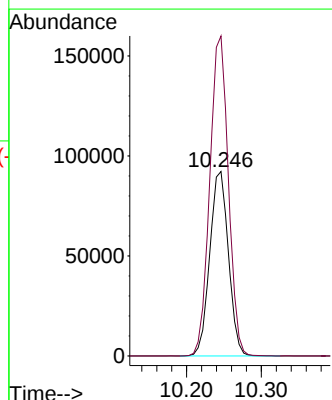
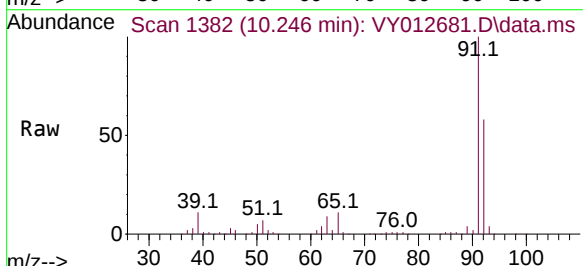
Acq: 21 Feb 2023 17:56

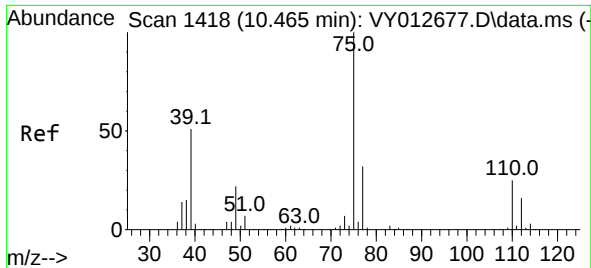
Tgt Ion: 92 Resp: 159871

Ion Ratio Lower Upper

92 100

91 172.8 139.5 209.3

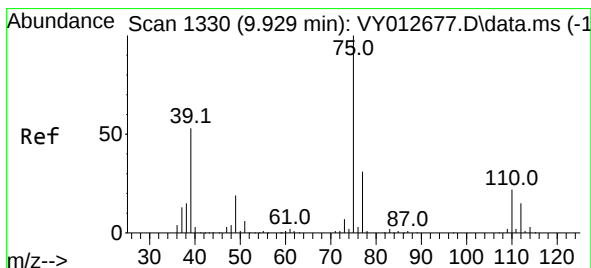
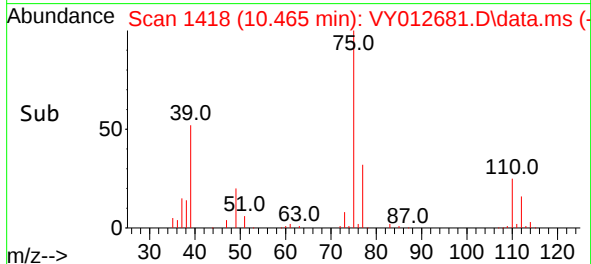
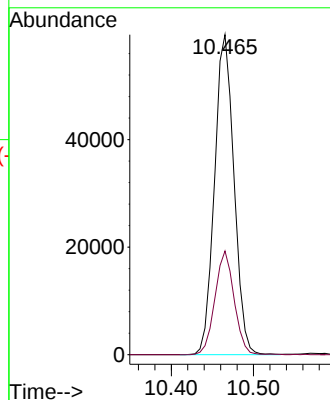
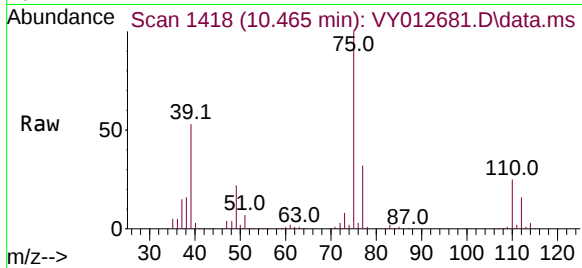




#53
 t-1,3-Dichloropropene
 Concen: 51.209 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

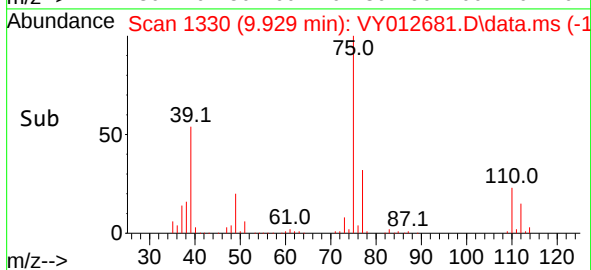
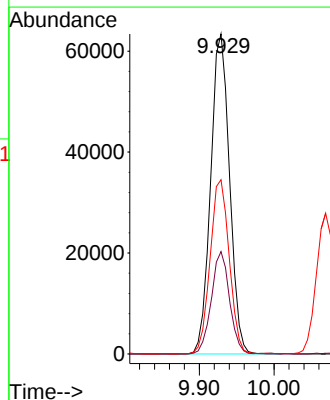
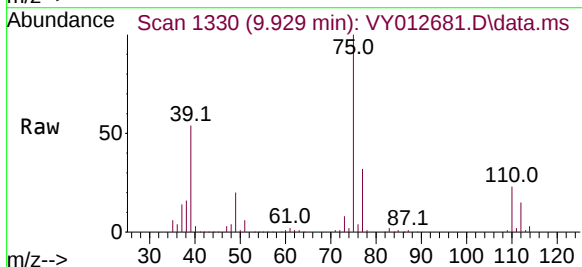
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022123

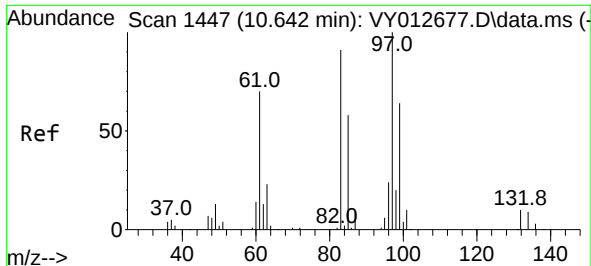
Tgt Ion: 75 Resp: 98017
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.282 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

Tgt Ion: 75 Resp: 111071
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 54.3 42.7 64.1

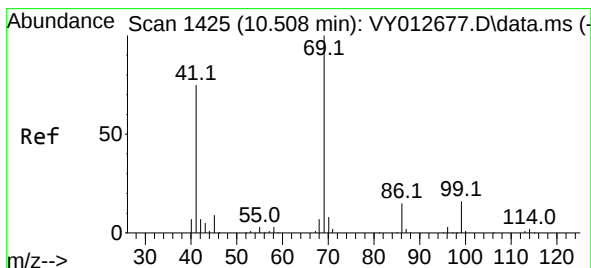
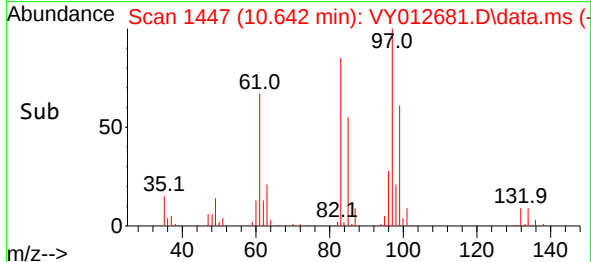
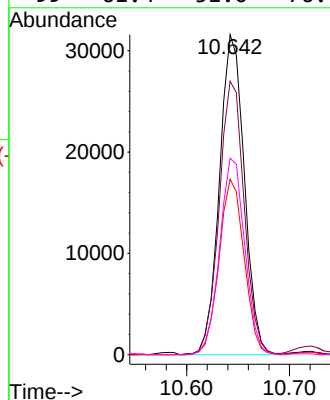
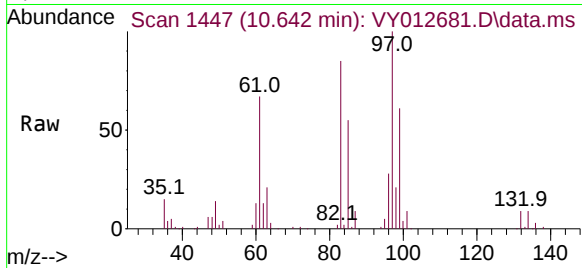




#55
1,1,2-Trichloroethane
Concen: 51.302 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

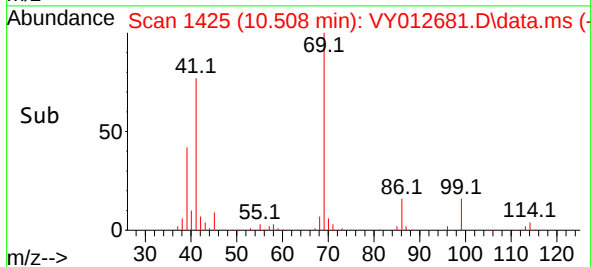
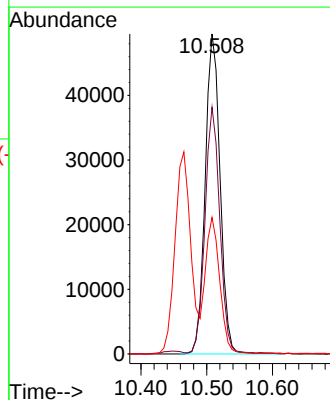
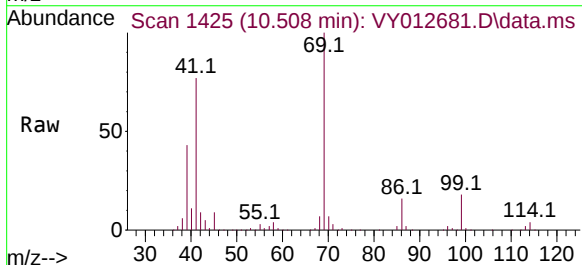
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

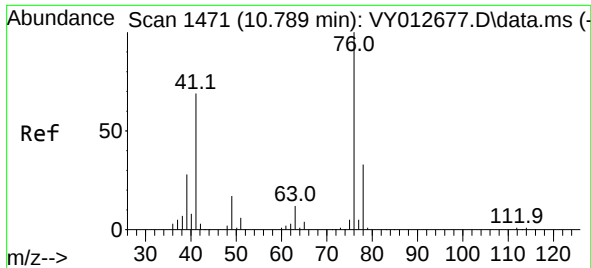
Tgt Ion: 97	Resp: 53017
Ion Ratio	Lower Upper
97 100	
83 85.4	73.1 109.7
85 54.9	46.1 69.1
99 61.4	51.0 76.4



#56
Ethyl methacrylate
Concen: 55.210 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 69	Resp: 77920
Ion Ratio	Lower Upper
69 100	
41 76.0	60.2 90.4
39 40.5	32.4 48.6

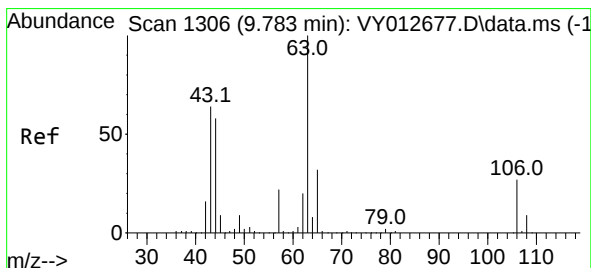
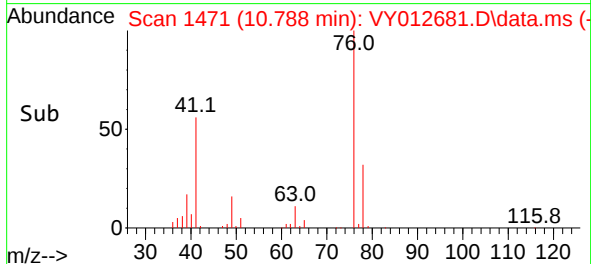
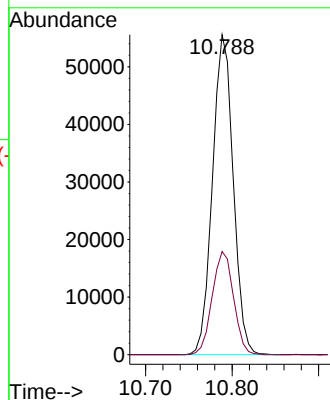
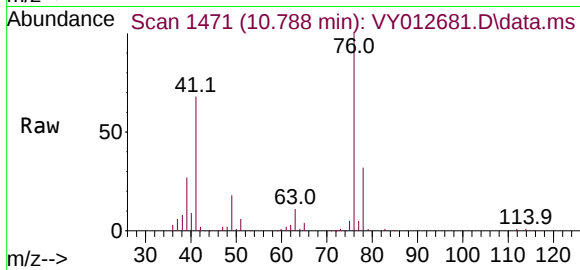




#57
1,3-Dichloropropane
Concen: 50.830 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

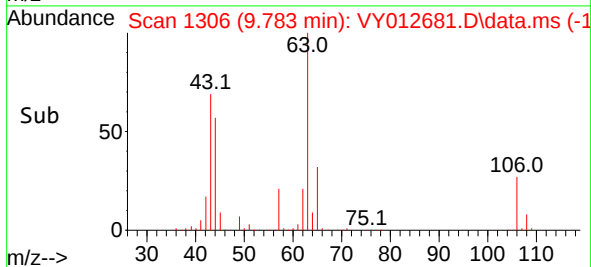
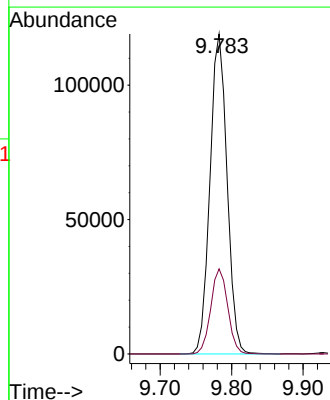
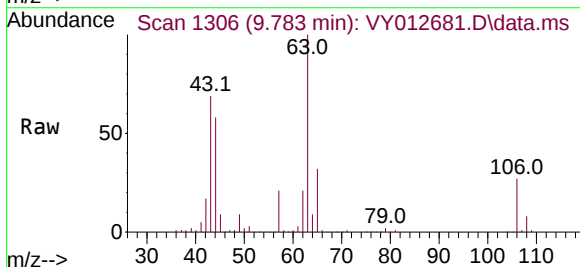
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

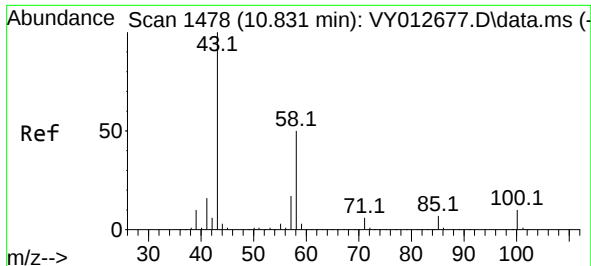
Tgt Ion: 76 Resp: 92327
Ion Ratio Lower Upper
76 100
78 33.2 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 264.566 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 63 Resp: 197315
Ion Ratio Lower Upper
63 100
106 26.4 21.0 31.6

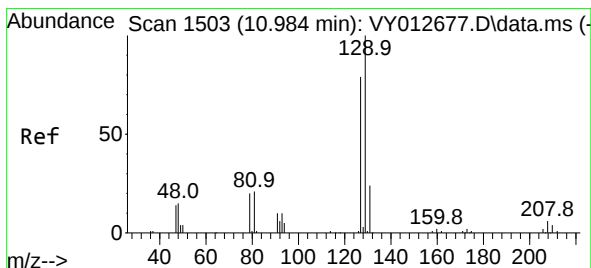
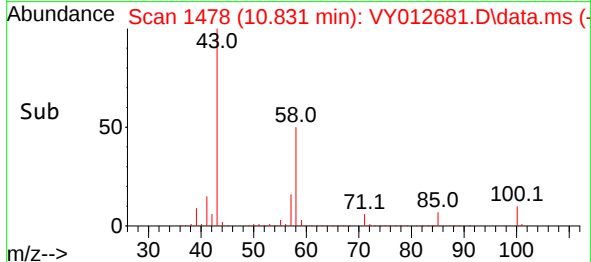
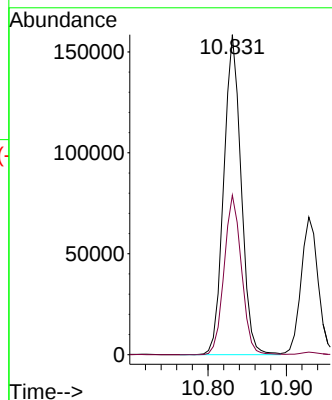
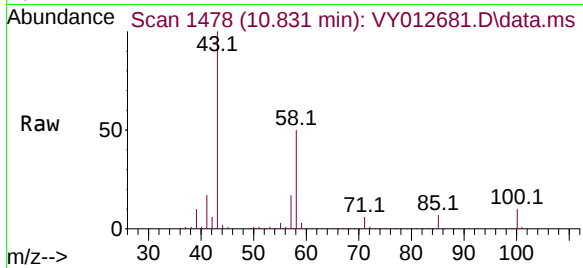




#59
2-Hexanone
Concen: 285.744 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

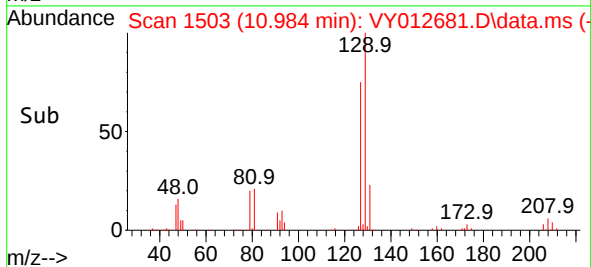
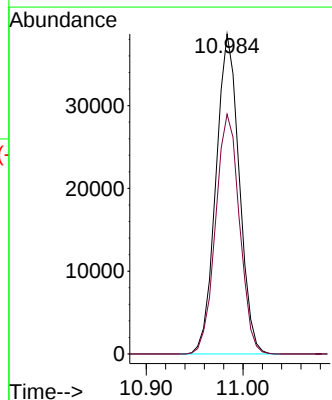
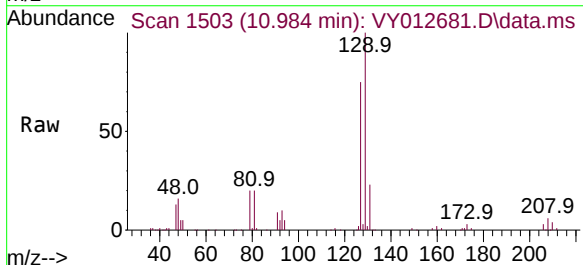
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

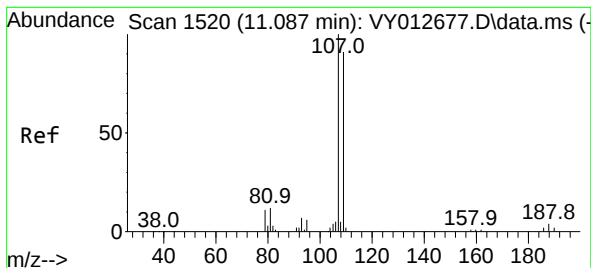
Tgt Ion: 43 Resp: 244588
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6



#60
Dibromochloromethane
Concen: 51.507 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 129 Resp: 64490
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





#61

1,2-Dibromoethane

Concen: 51.554 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

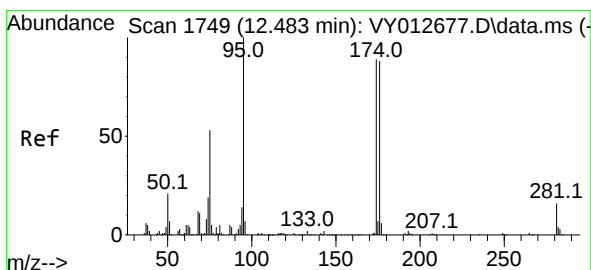
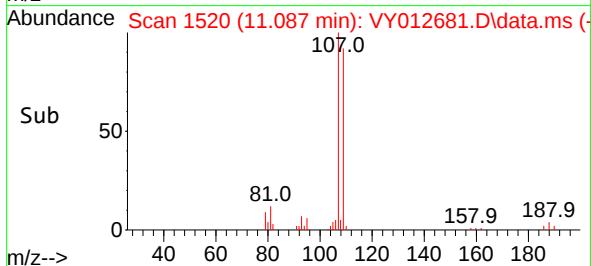
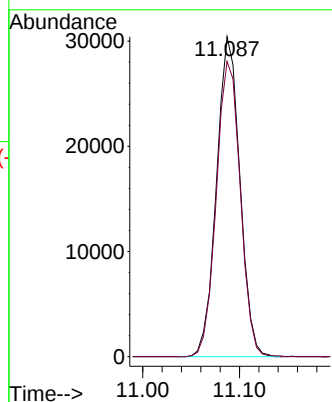
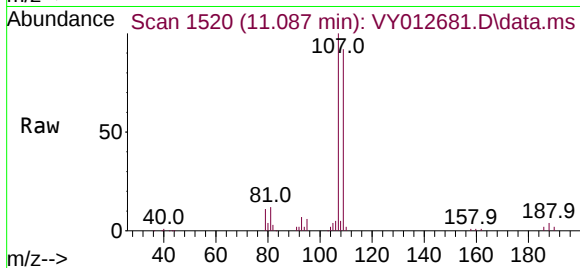
ICVVY022123

Tgt Ion:107 Resp: 51044

Ion Ratio Lower Upper

107 100

109 94.4 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 51.228 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

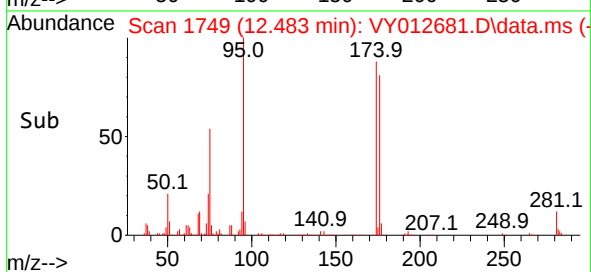
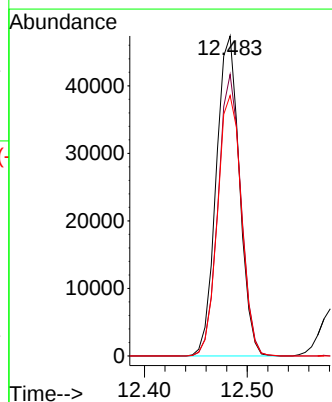
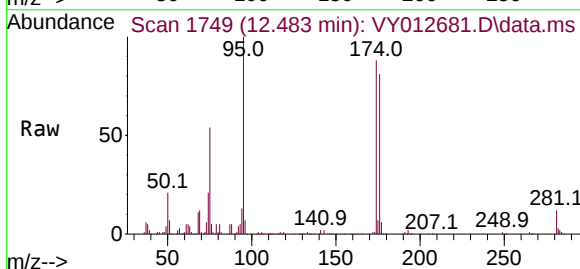
Tgt Ion: 95 Resp: 74380

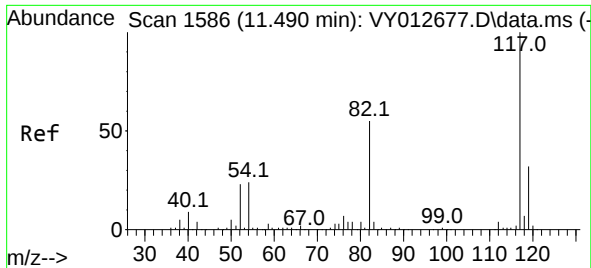
Ion Ratio Lower Upper

95 100

174 86.7 0.0 172.8

176 83.8 0.0 169.4

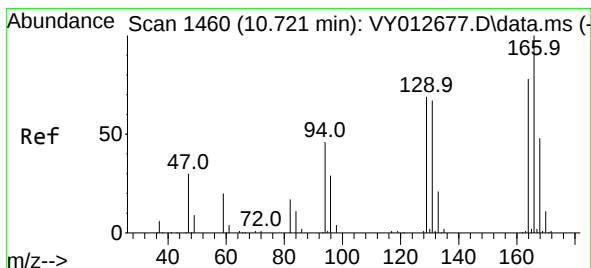
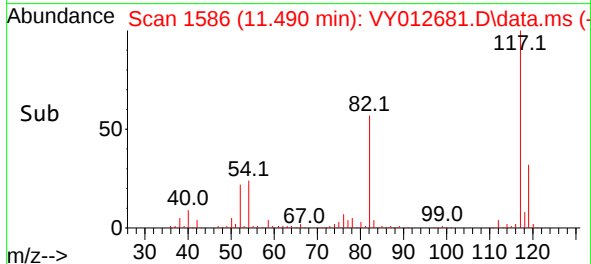
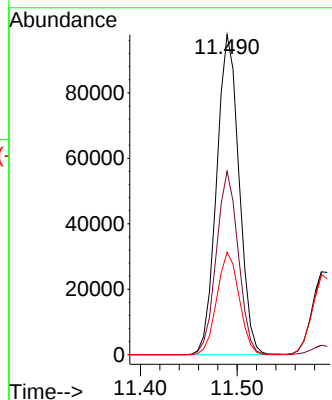
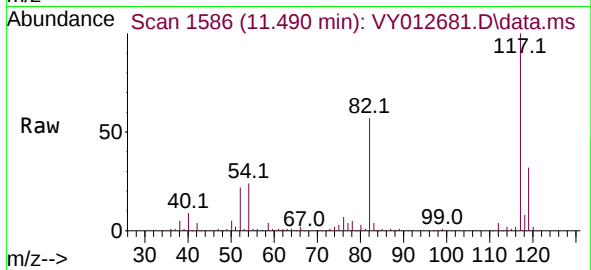




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

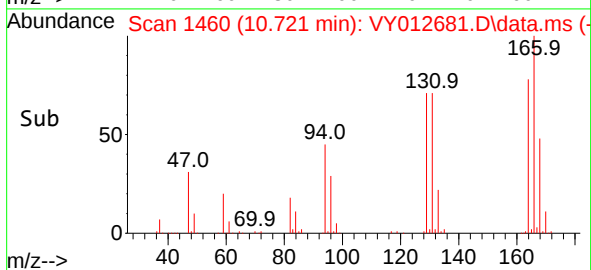
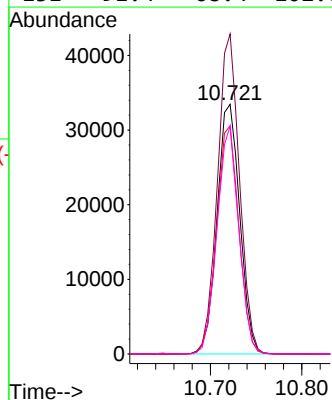
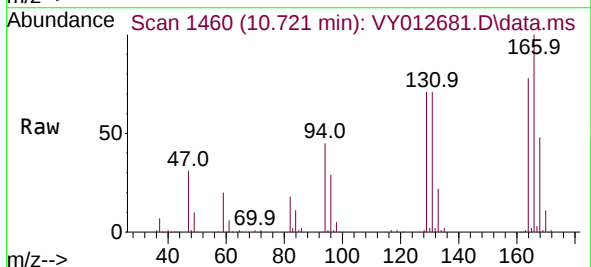
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

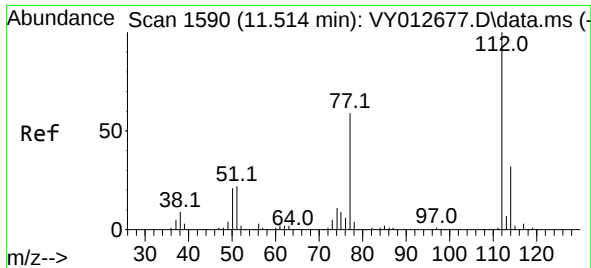
Tgt Ion:117 Resp: 157343
Ion Ratio Lower Upper
117 100
82 57.3 44.1 66.1
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 50.584 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:164 Resp: 57885
Ion Ratio Lower Upper
164 100
166 128.2 102.2 153.4
129 91.4 71.0 106.6
131 91.4 68.4 102.6

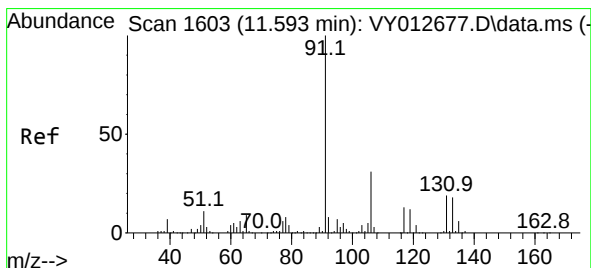
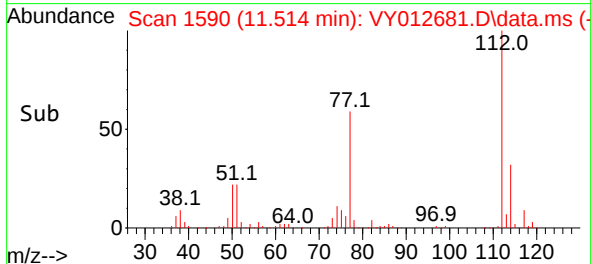
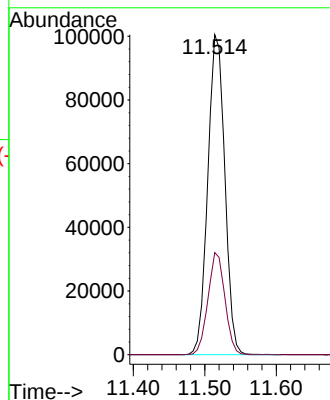
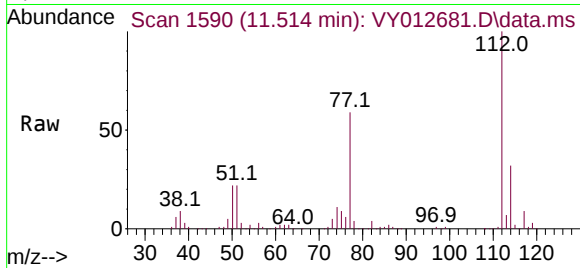




#65
Chlorobenzene
Concen: 49.243 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

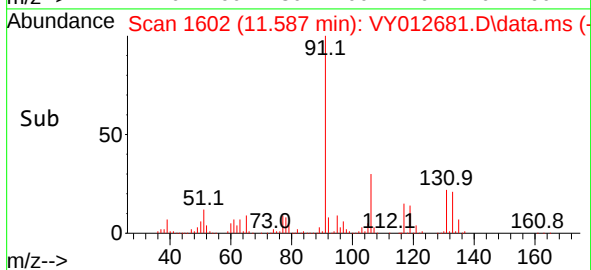
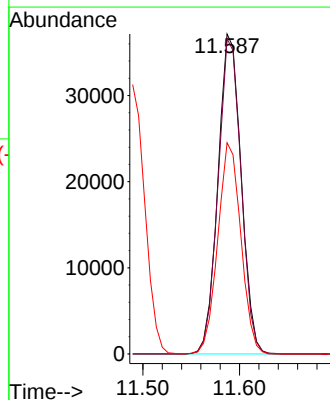
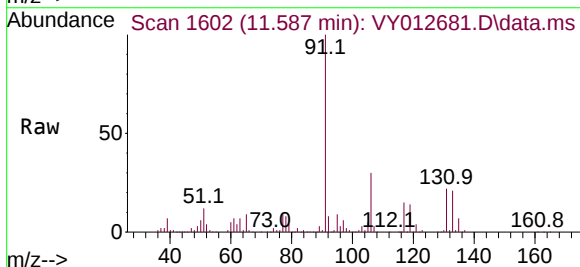
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

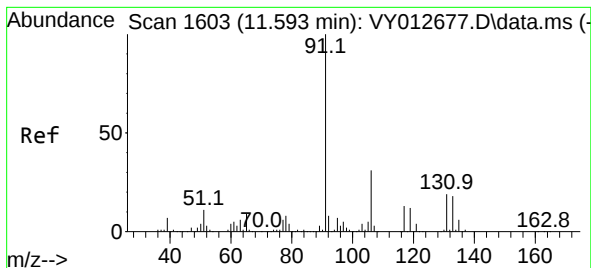
Tgt Ion:112 Resp: 166150
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.326 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:131 Resp: 61679
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.3
119 65.8 32.4 97.2





#67

Ethyl Benzene

Concen: 50.127 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

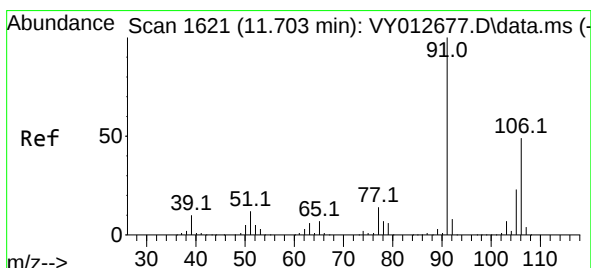
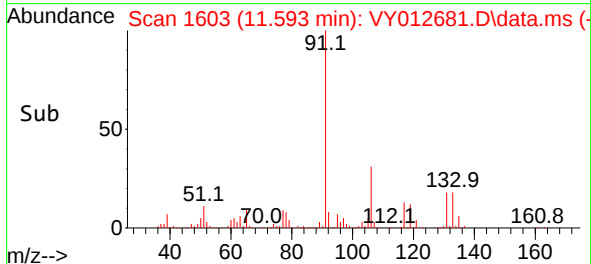
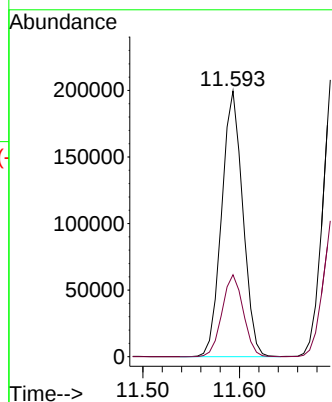
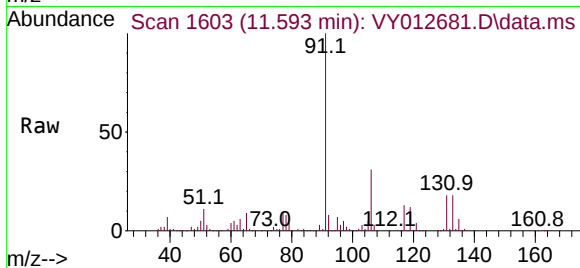
ICVVY022123

Tgt Ion: 91 Resp: 302324

Ion Ratio Lower Upper

91 100

106 30.8 25.2 37.8



#68

m/p-Xylenes

Concen: 101.469 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012681.D

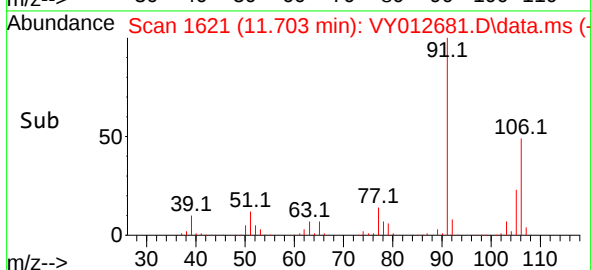
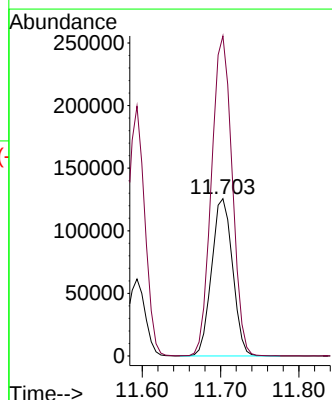
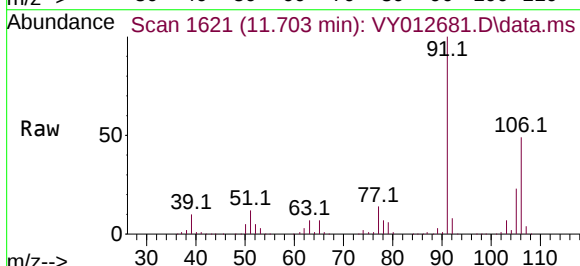
Acq: 21 Feb 2023 17:56

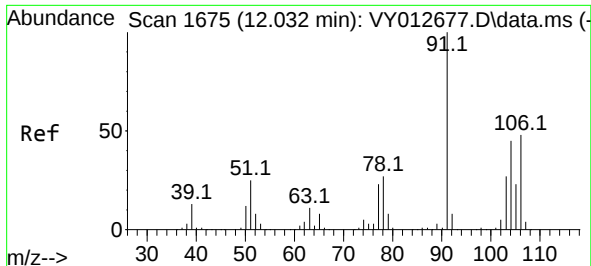
Tgt Ion:106 Resp: 233450

Ion Ratio Lower Upper

106 100

91 200.9 163.2 244.8





#69

o-Xylene

Concen: 51.610 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

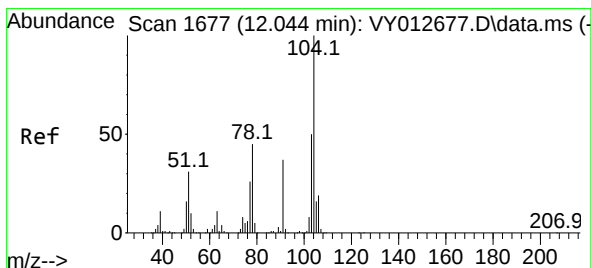
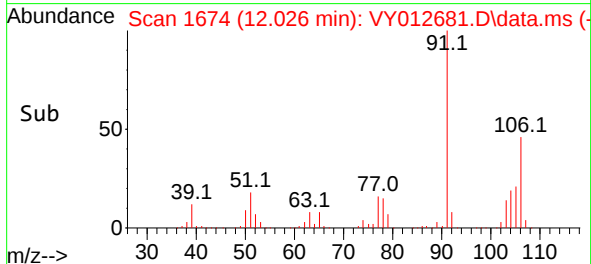
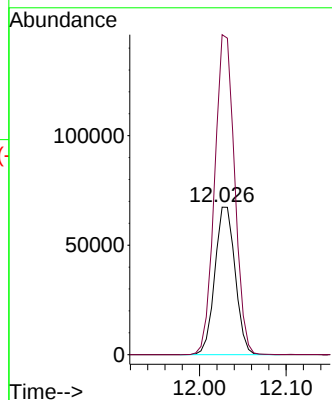
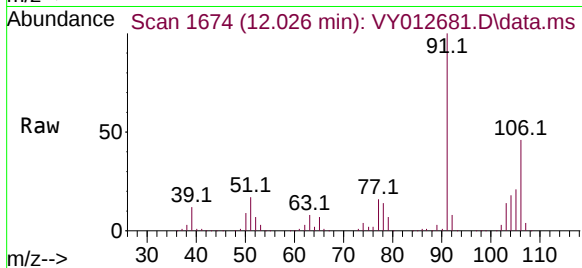
ICVVY022123

Tgt Ion:106 Resp: 109978

Ion Ratio Lower Upper

106 100

91 213.1 106.3 319.0



#70

Styrene

Concen: 51.932 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

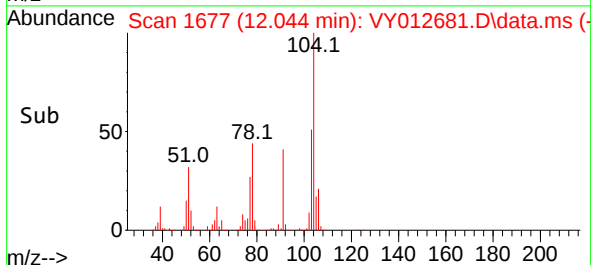
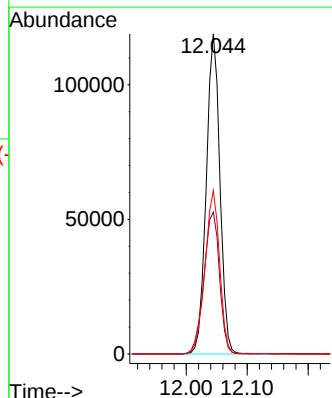
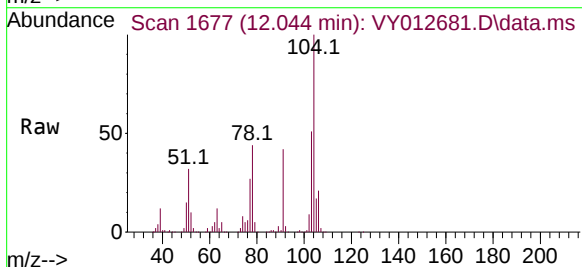
Tgt Ion:104 Resp: 185481

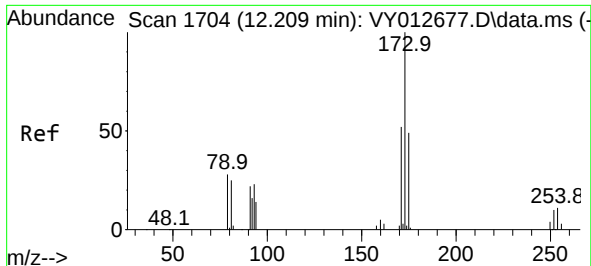
Ion Ratio Lower Upper

104 100

78 50.5 40.6 61.0

103 54.8 44.1 66.1

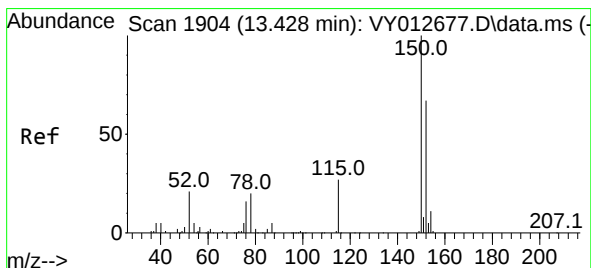
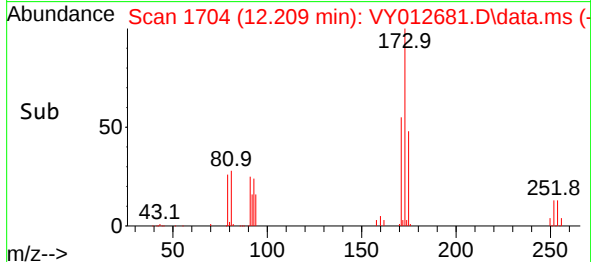
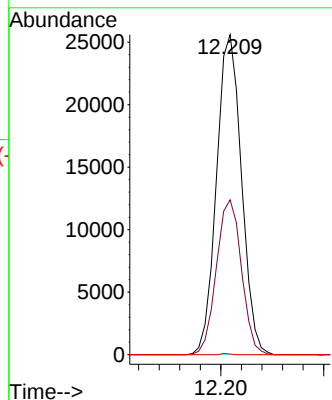
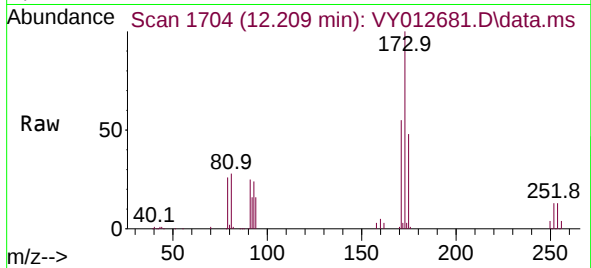




#71
Bromoform
Concen: 53.989 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

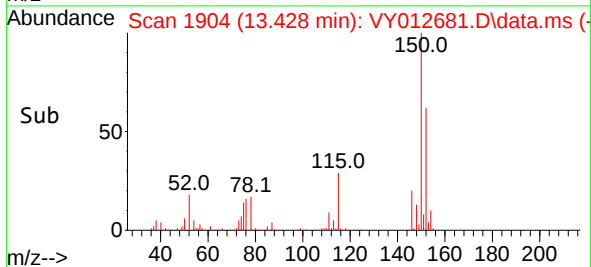
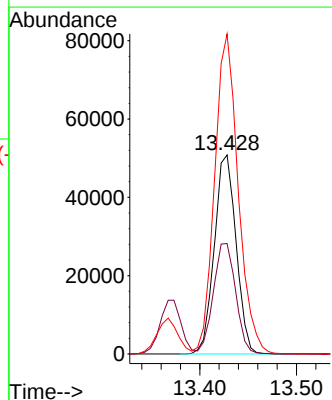
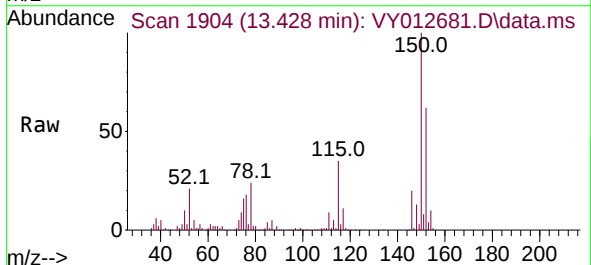
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

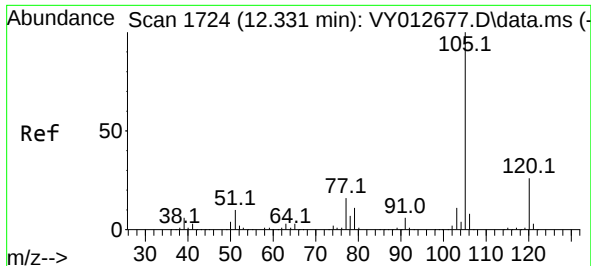
Tgt Ion:173 Resp: 43078
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:152 Resp: 79357
Ion Ratio Lower Upper
152 100
115 56.9 28.7 86.3
150 174.0 0.0 347.6

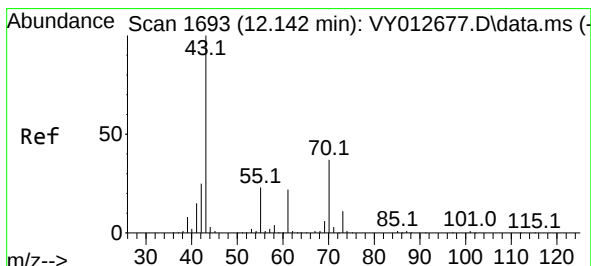
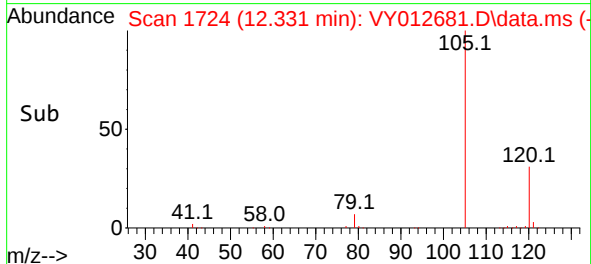
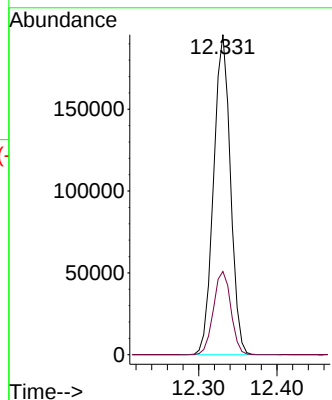
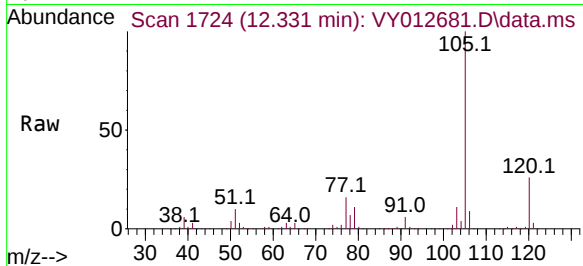




#73
Isopropylbenzene
Concen: 49.775 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

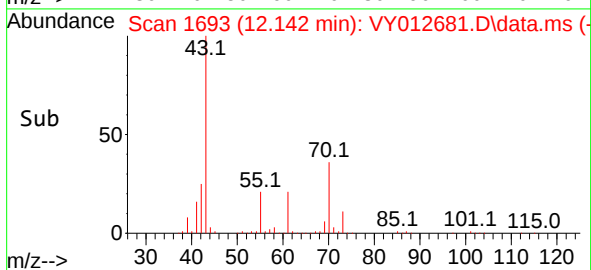
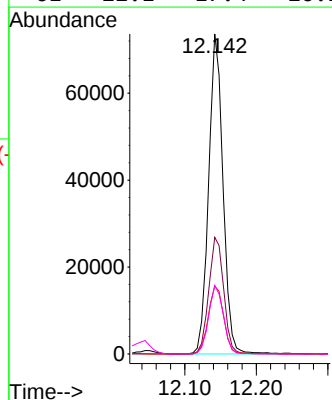
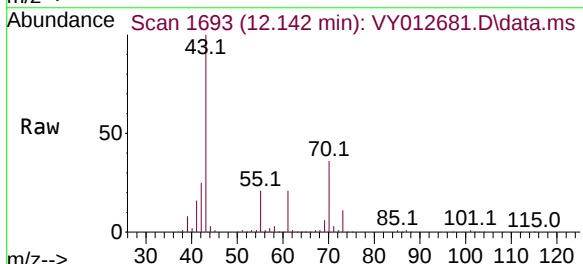
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

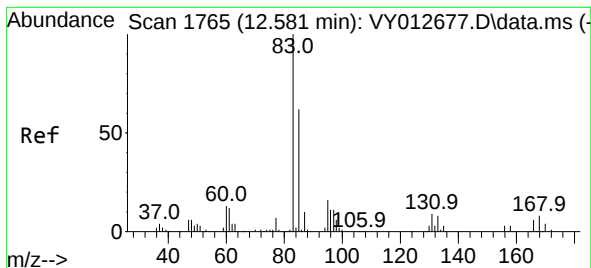
Tgt Ion:105 Resp: 291902
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5



#74
N-ethyl acetate
Concen: 53.274 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 43 Resp: 102702
Ion Ratio Lower Upper
43 100
70 37.8 29.8 44.6
55 22.9 18.2 27.2
61 22.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.799 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022123

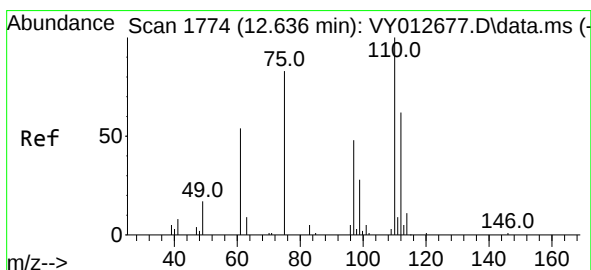
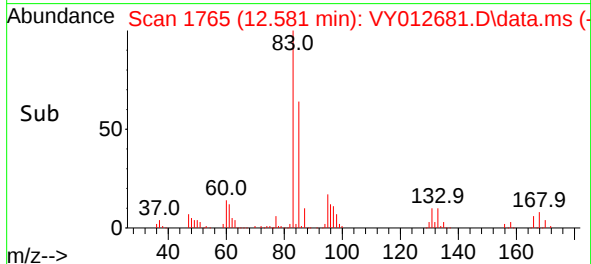
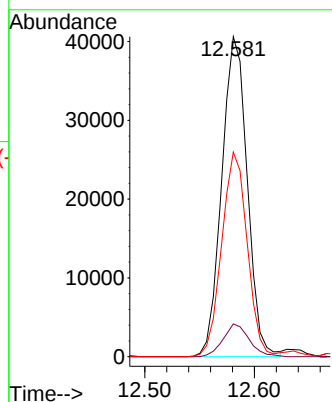
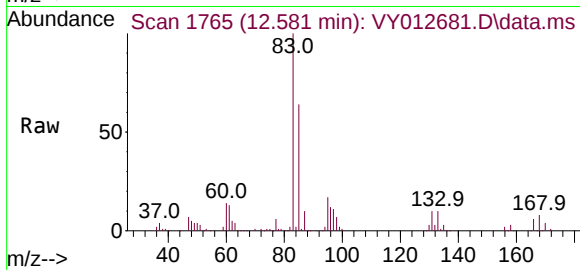
Tgt Ion: 83 Resp: 65664

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 63.7 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 87.931 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012681.D

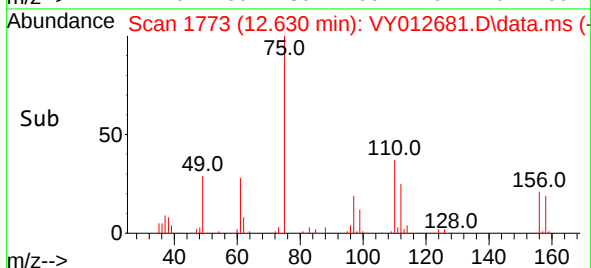
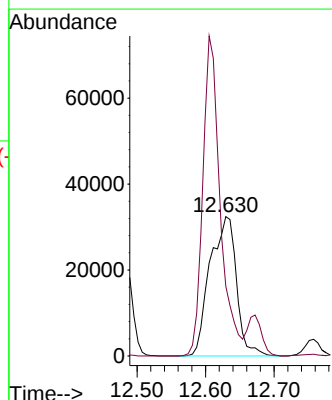
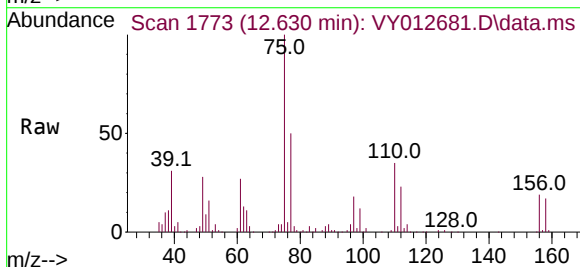
Acq: 21 Feb 2023 17:56

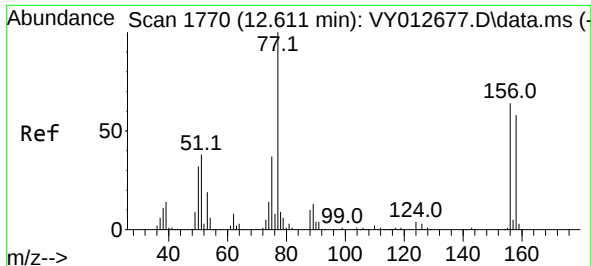
Tgt Ion: 75 Resp: 86992

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

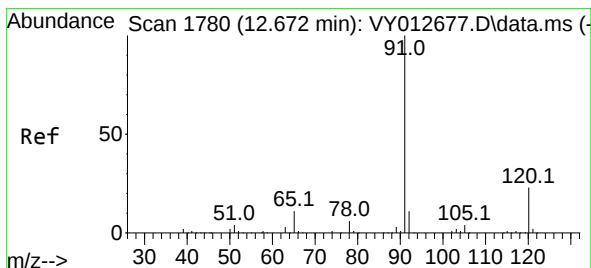
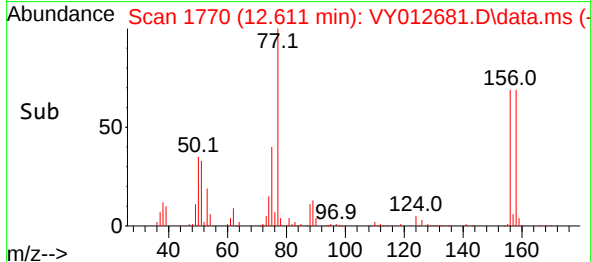
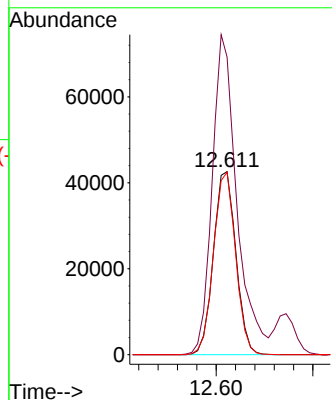
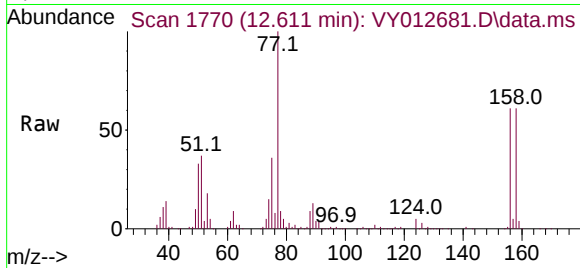




#77
Bromobenzene
Concen: 48.926 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

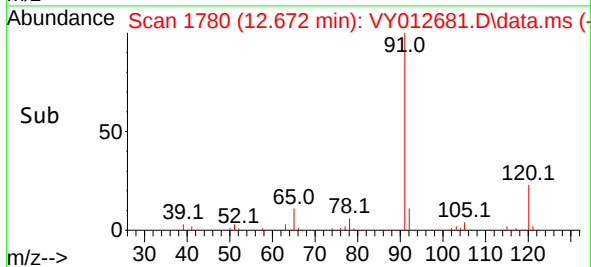
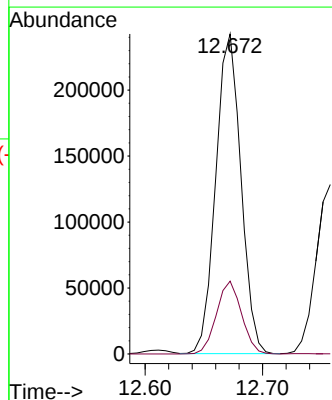
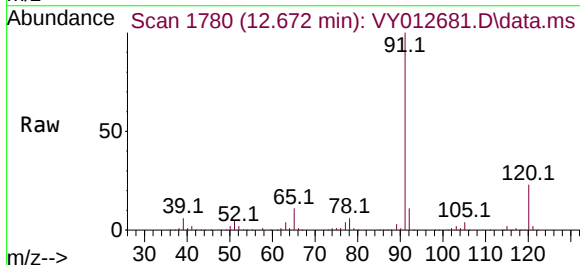
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022123

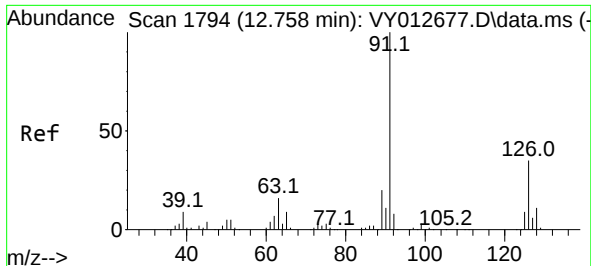
Tgt Ion:156 Resp: 68749
Ion Ratio Lower Upper
156 100
77 191.6 96.3 288.8
158 97.9 48.5 145.6



#78
n-propylbenzene
Concen: 49.062 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 91 Resp: 359882
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 48.476 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

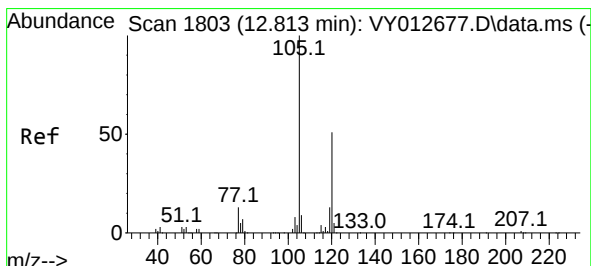
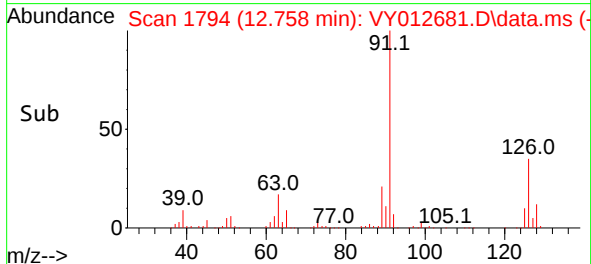
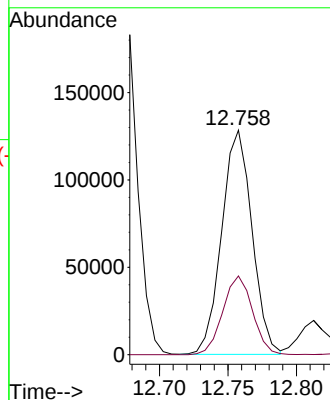
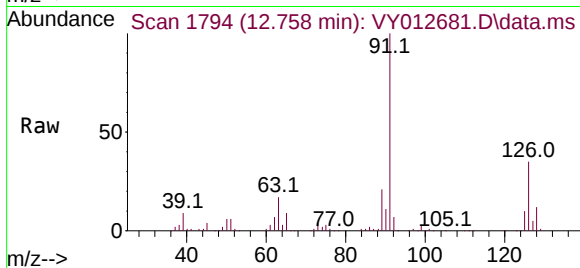
ICVVY022123

Tgt Ion: 91 Resp: 197547

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.656 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012681.D

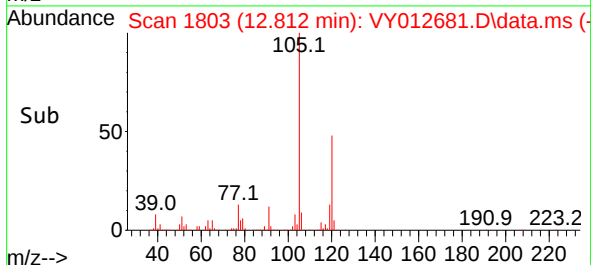
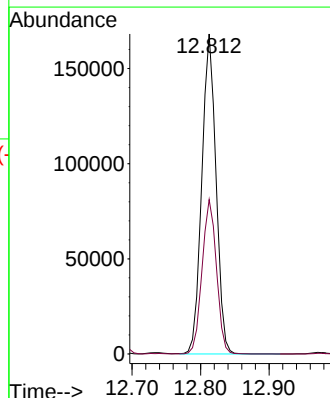
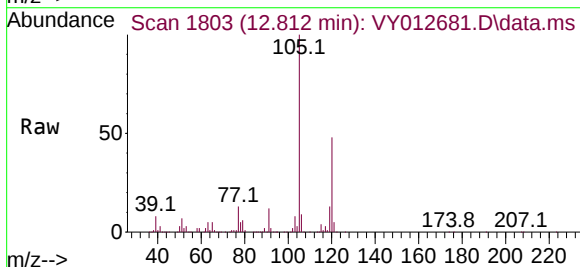
Acq: 21 Feb 2023 17:56

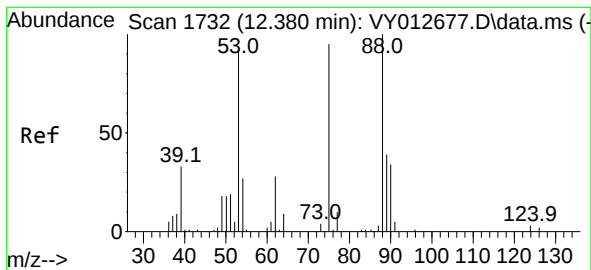
Tgt Ion:105 Resp: 243249

Ion Ratio Lower Upper

105 100

120 48.7 24.7 74.1

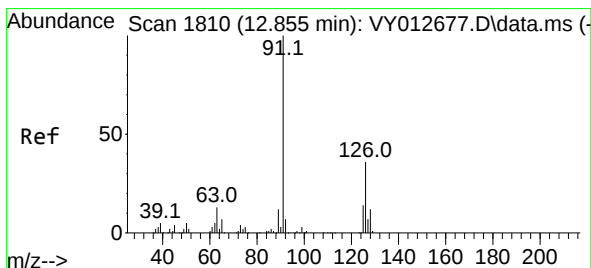
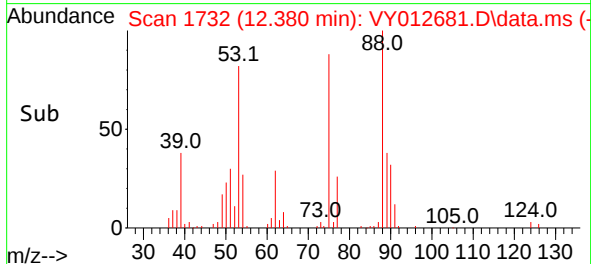
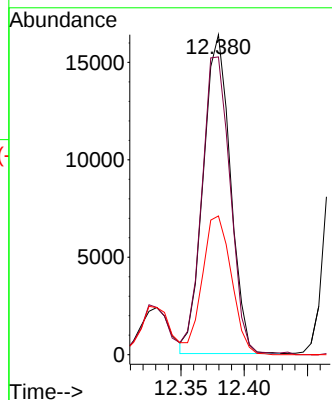
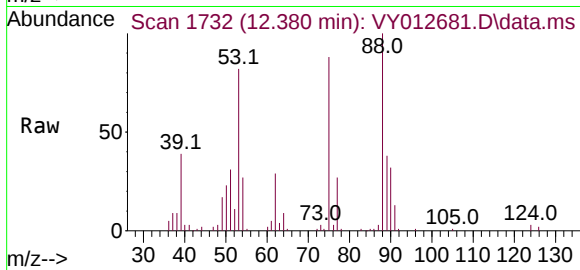




#81
trans-1,4-Dichloro-2-butene
Concen: 52.386 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

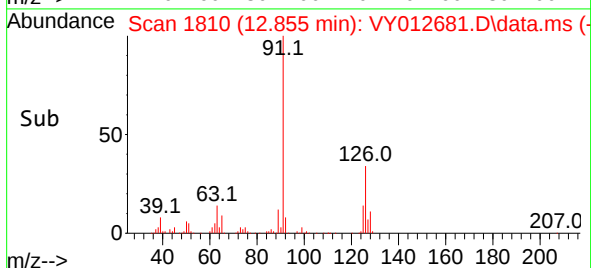
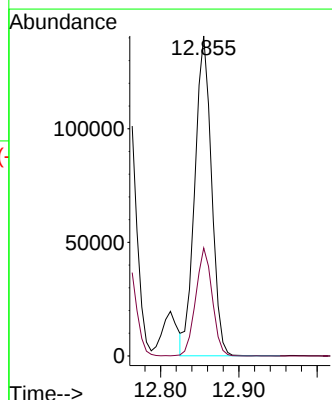
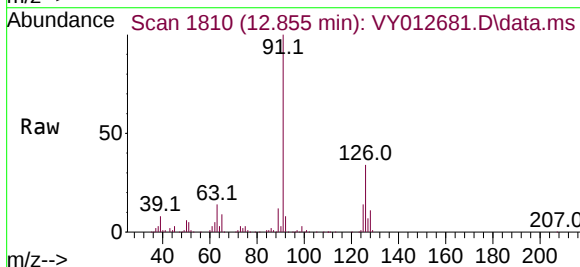
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

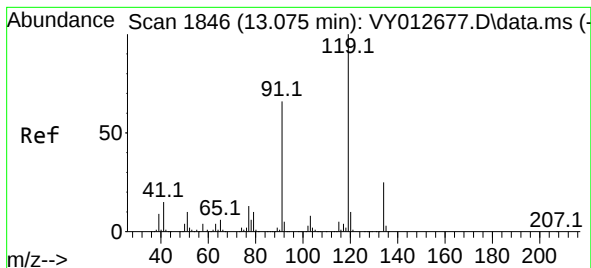
Tgt Ion: 75 Resp: 24464
Ion Ratio Lower Upper
75 100
53 98.0 80.4 120.6
89 46.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 49.388 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion: 91 Resp: 208739
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.5





#83

tert-Butylbenzene

Concen: 50.555 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022123

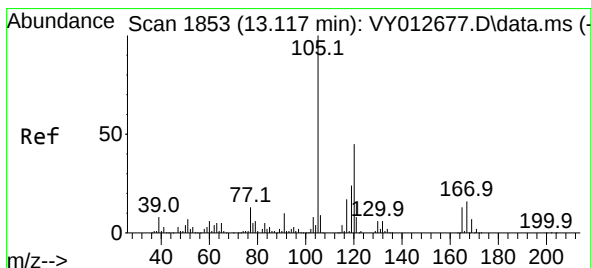
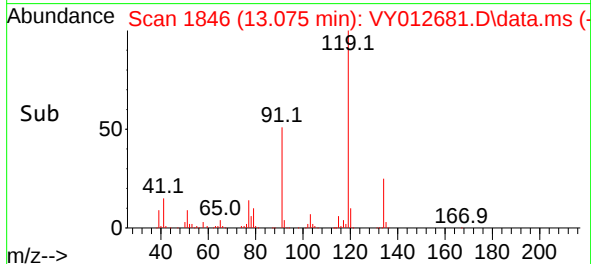
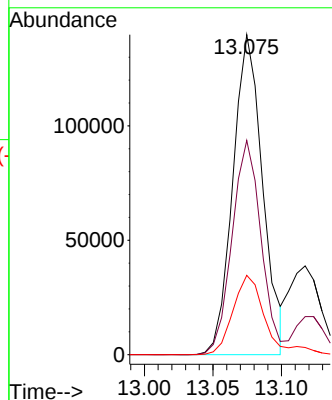
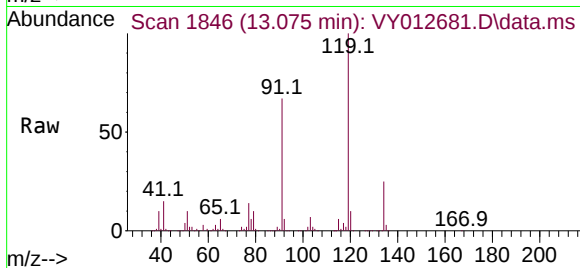
Tgt Ion:119 Resp: 211473

Ion Ratio Lower Upper

119 100

91 65.0 32.4 97.2

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.106 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012681.D

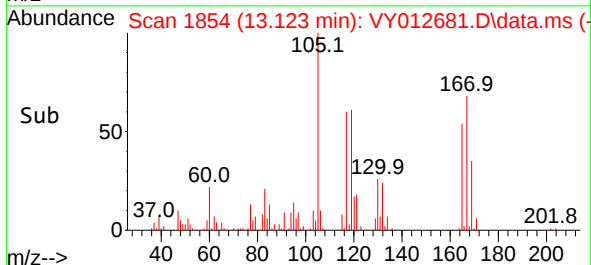
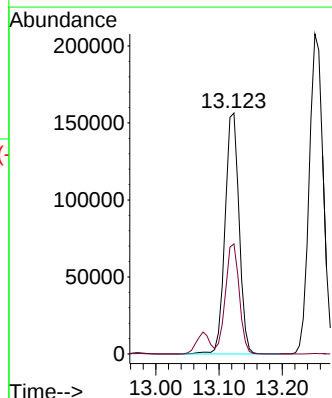
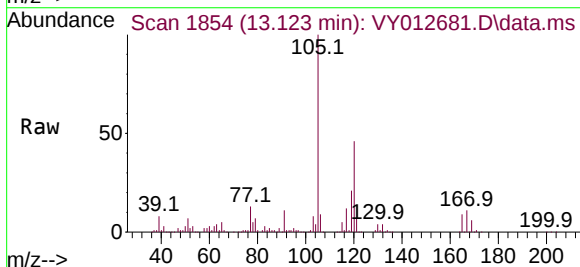
Acq: 21 Feb 2023 17:56

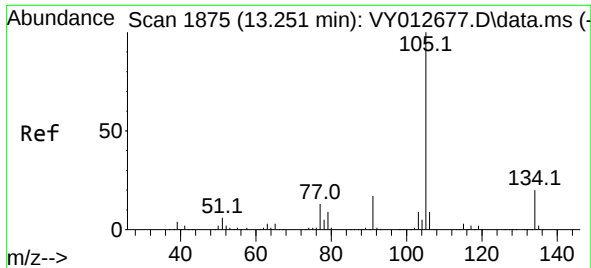
Tgt Ion:105 Resp: 239949

Ion Ratio Lower Upper

105 100

120 45.0 22.7 68.0

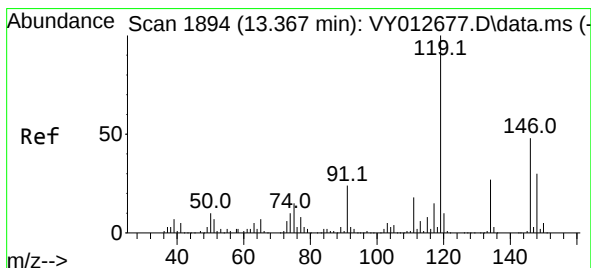
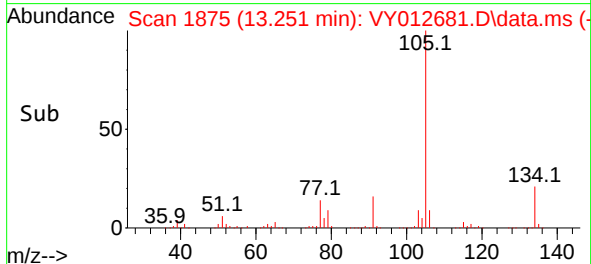
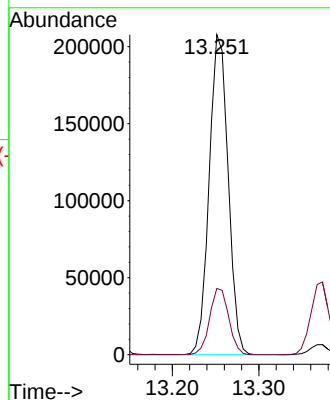
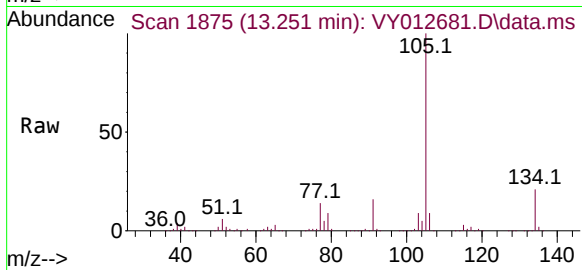




#85
 sec-Butylbenzene
 Concen: 49.698 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

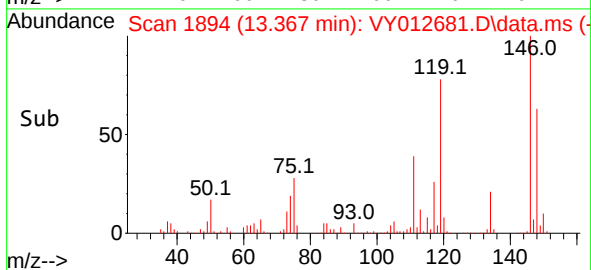
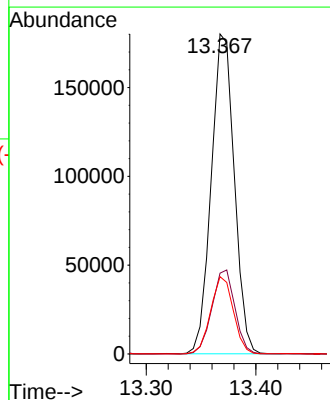
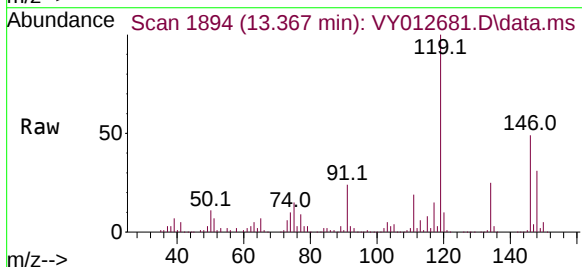
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022123

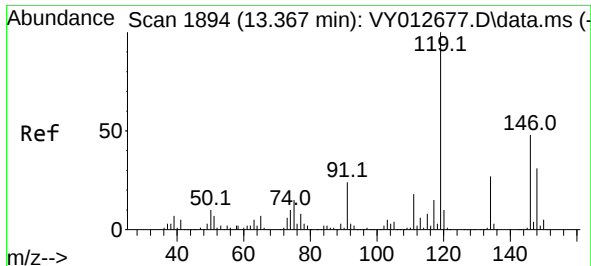
Tgt Ion:105 Resp: 316302
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.172 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012681.D
 Acq: 21 Feb 2023 17:56

Tgt Ion:119 Resp: 262977
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 48.945 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022123

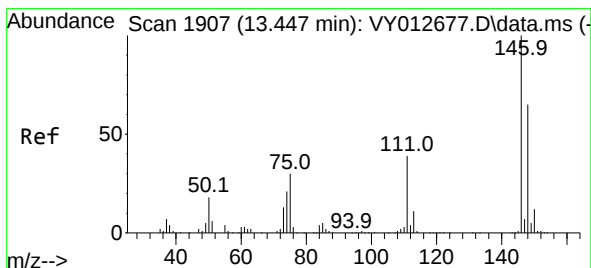
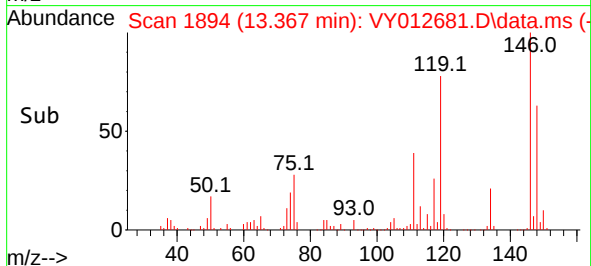
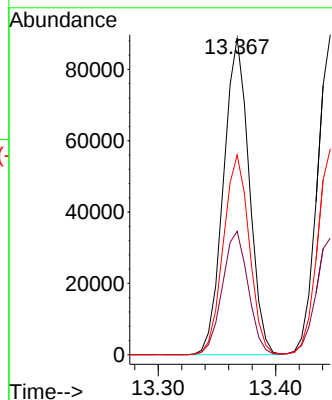
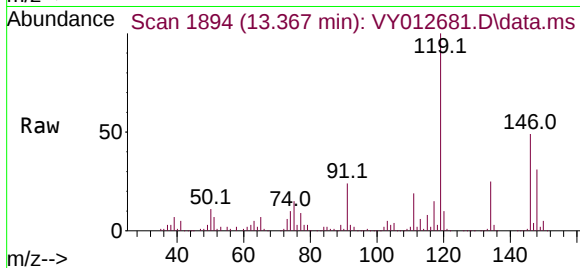
Tgt Ion:146 Resp: 134708

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

148 63.6 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 48.280 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

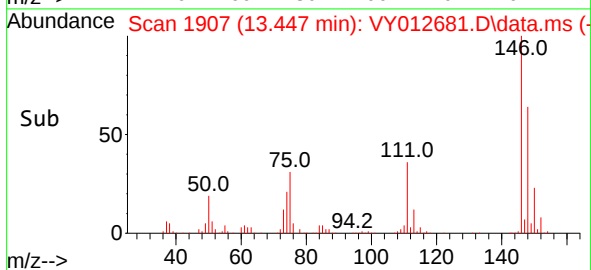
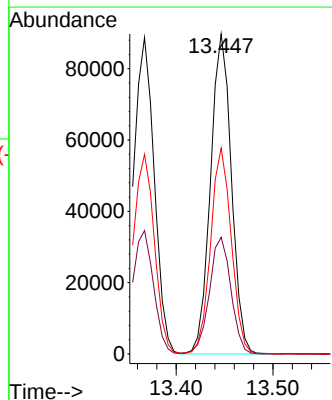
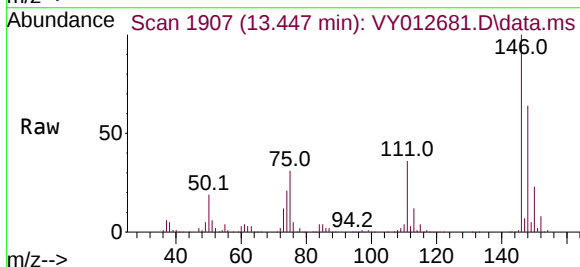
Tgt Ion:146 Resp: 134747

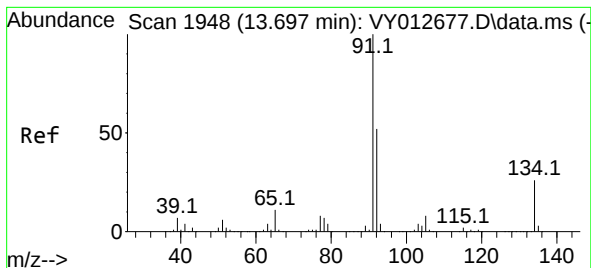
Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.3

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 49.645 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022123

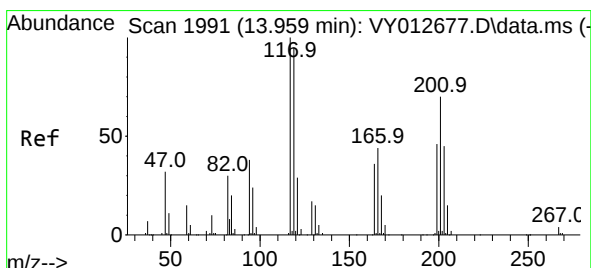
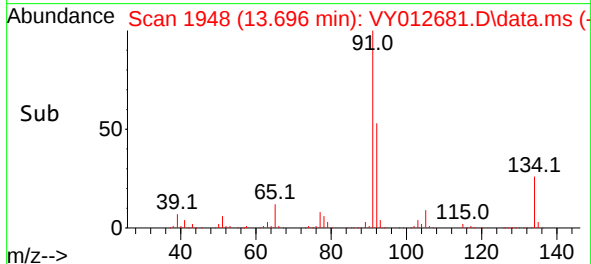
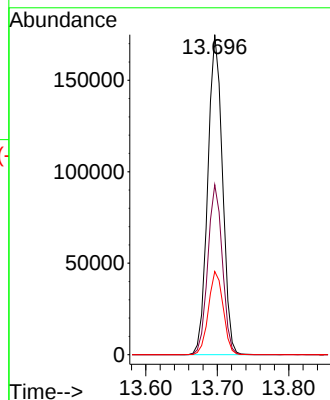
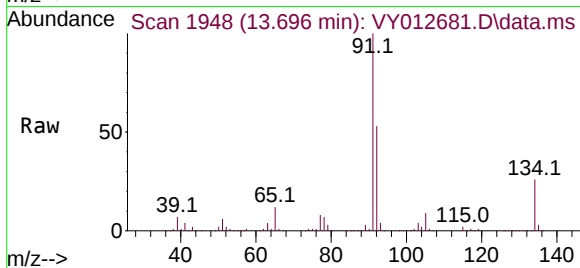
Tgt Ion: 91 Resp: 249206

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.8

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 48.681 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012681.D

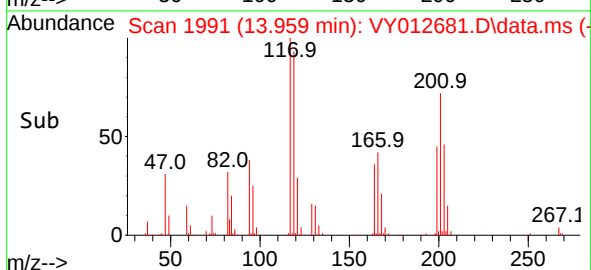
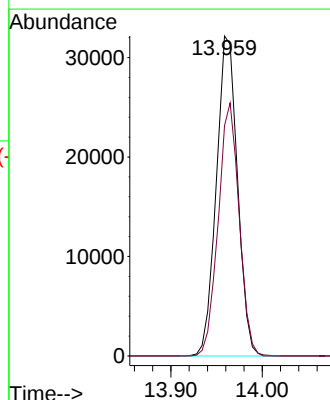
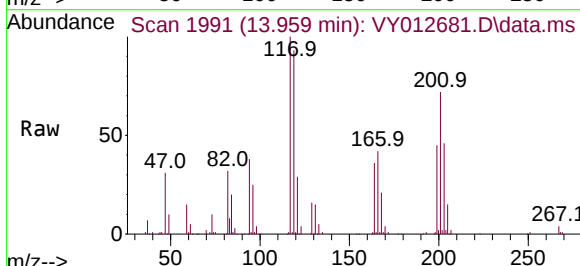
Acq: 21 Feb 2023 17:56

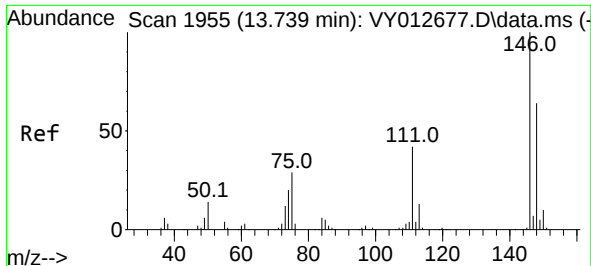
Tgt Ion: 117 Resp: 51782

Ion Ratio Lower Upper

117 100

201 78.0 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 49.534 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022123

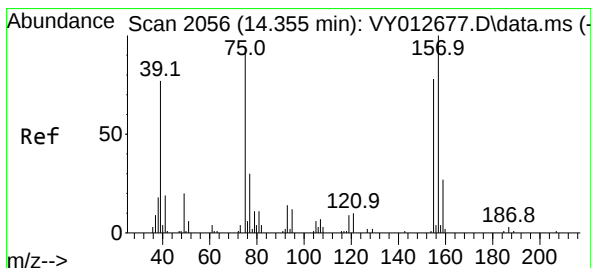
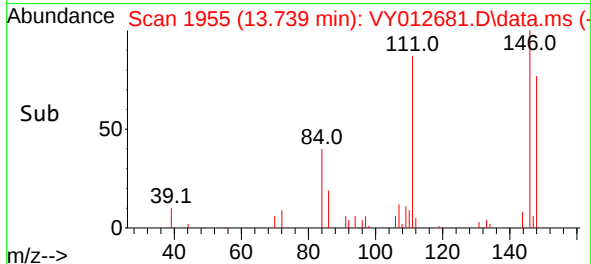
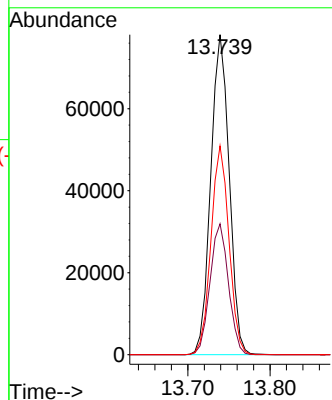
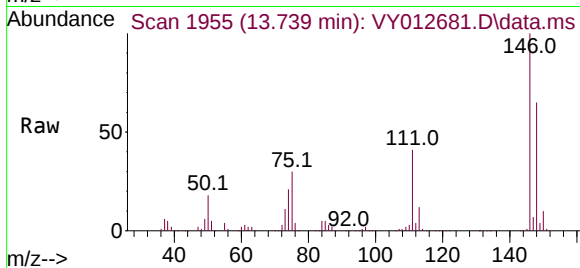
Tgt Ion:146 Resp: 121755

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.8

148 63.7 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.386 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012681.D

Acq: 21 Feb 2023 17:56

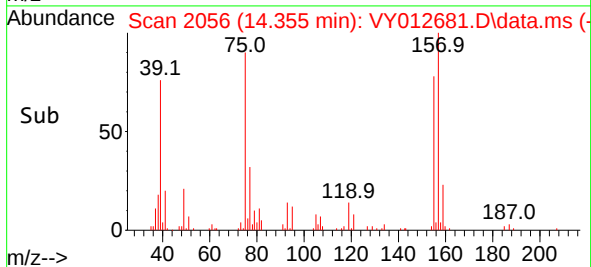
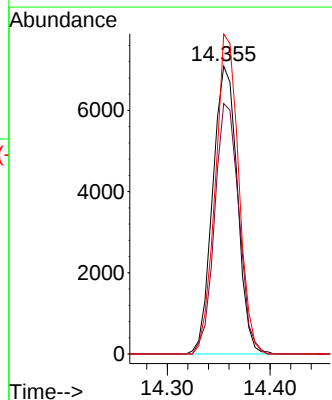
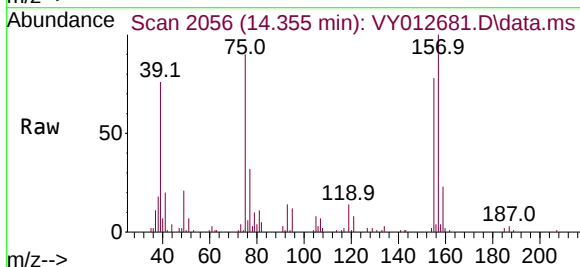
Tgt Ion: 75 Resp: 11788

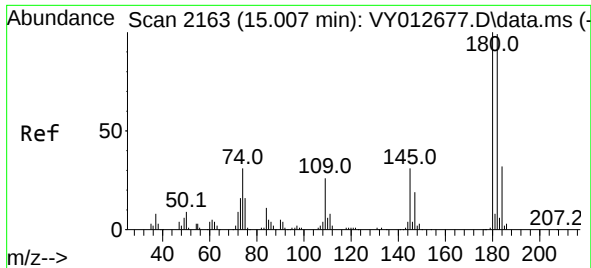
Ion Ratio Lower Upper

75 100

155 85.8 43.6 130.8

157 105.3 55.0 165.2

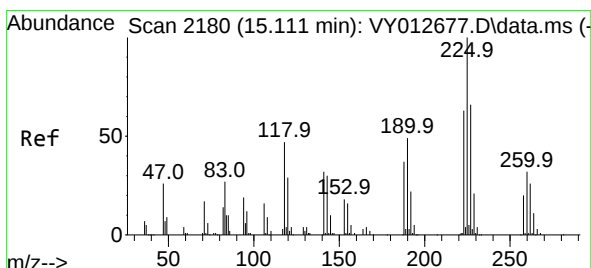
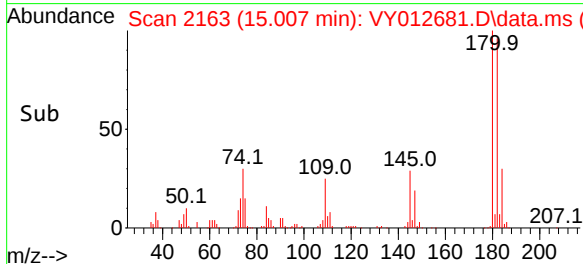
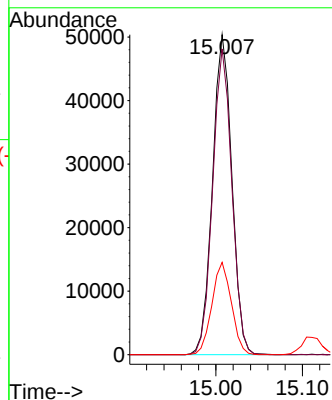
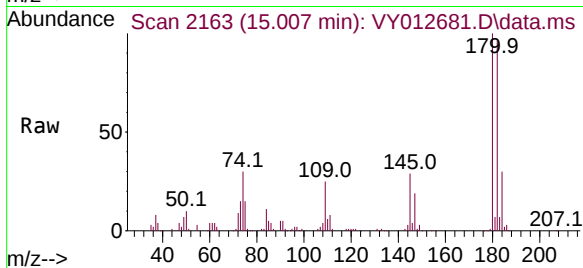




#93
1,2,4-Trichlorobenzene
Concen: 50.221 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

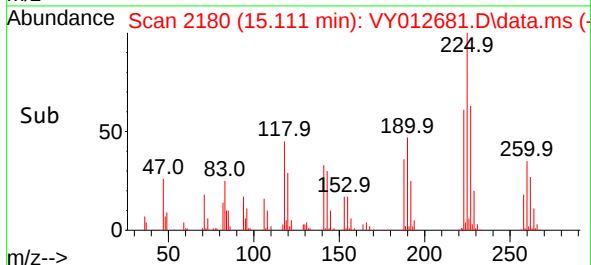
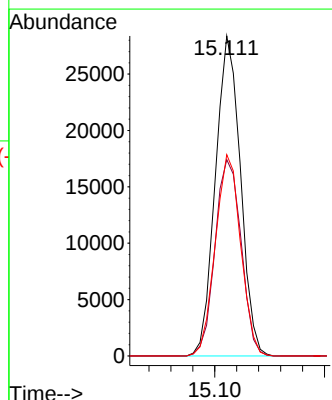
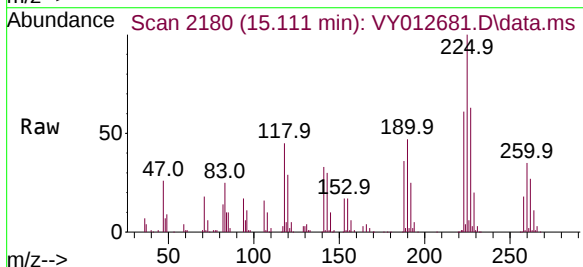
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

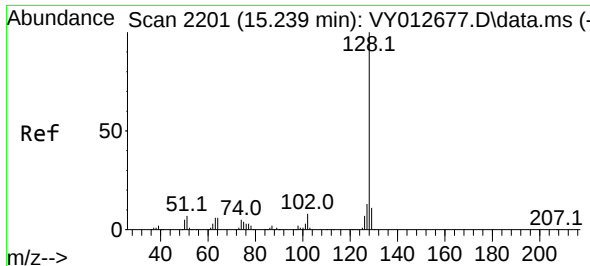
Tgt Ion:180 Resp: 78071
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 29.1 15.0 45.0



#94
Hexachlorobutadiene
Concen: 48.053 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:225 Resp: 45084
Ion Ratio Lower Upper
225 100
223 63.7 31.7 95.1
227 63.7 32.3 96.8

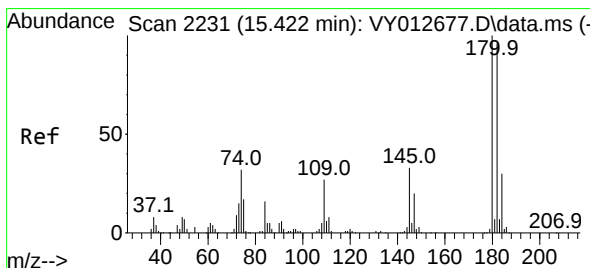
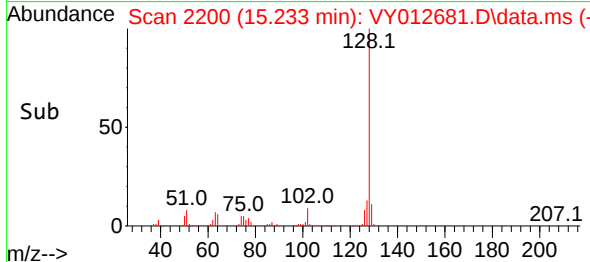
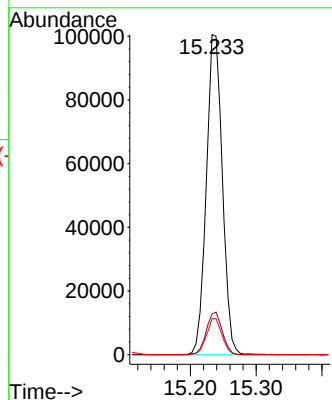
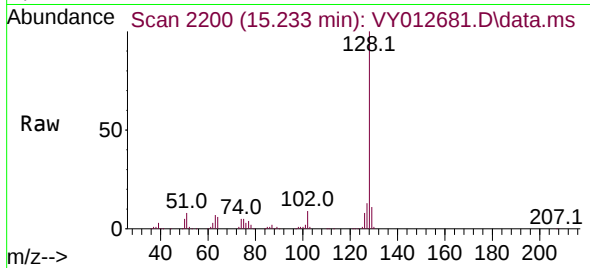




#95
Naphthalene
Concen: 54.298 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022123

Tgt Ion:128 Resp: 170560
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 51.557 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012681.D
Acq: 21 Feb 2023 17:56

Tgt Ion:180 Resp: 70943
Ion Ratio Lower Upper
180 100
182 94.6 48.5 145.6
145 31.3 16.1 48.2

