

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010038.D
 Acq On : 16 Aug 2022 10:07
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081622

Quant Time: Aug 16 16:51:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	116203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81622	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53741	46.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.500%
35) Dibromofluoromethane	7.710	113	50774	48.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.179	98	184417	48.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.483	95	66134	49.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	46482	48.865	ug/l	96
3) Chloromethane	2.107	50	57359	45.244	ug/l	100
4) Vinyl Chloride	2.247	62	75170	45.482	ug/l	95
5) Bromomethane	2.644	94	61428	48.919	ug/l	99
6) Chloroethane	2.784	64	52277	45.929	ug/l	94
7) Trichlorofluoromethane	3.119	101	93357	47.552	ug/l	100
8) Diethyl Ether	3.521	74	26559	48.301	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	49741	47.777	ug/l	98
10) Methyl Iodide	4.082	142	66539	53.993	ug/l	99
11) Tert butyl alcohol	4.948	59	27269	252.890	ug/l	100
12) 1,1-Dichloroethene	3.863	96	45606	47.864	ug/l	95
13) Acrolein	3.723	56	18542	239.081	ug/l	97
14) Allyl chloride	4.466	41	67527	48.222	ug/l	100
15) Acrylonitrile	5.149	53	63067	243.248	ug/l	99
16) Acetone	3.936	43	71313	286.557	ug/l	94
17) Carbon Disulfide	4.186	76	121622	44.562	ug/l	97
18) Methyl Acetate	4.466	43	33453	45.967	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	130277	49.761	ug/l	96
20) Methylene Chloride	4.704	84	56245	48.775	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	52796	48.180	ug/l	94
22) Diisopropyl ether	6.112	45	138709	50.362	ug/l	99
23) Vinyl Acetate	6.051	43	455660	262.181	ug/l	99
24) 1,1-Dichloroethane	6.009	63	83758	47.884	ug/l	96
25) 2-Butanone	6.978	43	93845	275.647	ug/l	96
26) 2,2-Dichloropropane	6.978	77	92451	50.291	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	59560	49.426	ug/l	99
28) Bromochloromethane	7.332	49	33657	46.240	ug/l	90
29) Tetrahydrofuran	7.338	42	53141	240.309	ug/l	94
30) Chloroform	7.496	83	98542	46.066	ug/l	97
31) Cyclohexane	7.777	56	70582	42.994	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	96366	49.695	ug/l	99
36) 1,1-Dichloropropene	7.911	75	72146	49.879	ug/l	98
37) Ethyl Acetate	7.064	43	40861	56.098	ug/l	97
38) Carbon Tetrachloride	7.893	117	91826	51.620	ug/l	98
39) Methylcyclohexane	9.179	83	82349	50.532	ug/l	97
40) Benzene	8.155	78	202601	47.880	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	52021	138.267	ug/l #	46
42) 1,2-Dichloroethane	8.228	62	66275	50.266	ug/l	99
43) Isopropyl Acetate	8.265	43	72641	52.540	ug/l	99
44) Trichloroethene	8.935	130	63274	49.472	ug/l	99
45) 1,2-Dichloropropane	9.209	63	46207	46.183	ug/l	98
46) Dibromomethane	9.301	93	32644	50.943	ug/l	99
47) Bromodichloromethane	9.490	83	77781	50.322	ug/l #	95
48) Methyl methacrylate	9.289	41	29049	48.288	ug/l	90
49) 1,4-Dioxane	9.301	88	7457	988.798	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	186263	244.189	ug/l	97
52) Toluene	10.240	92	135173	49.563	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	74858	50.289	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	81232	49.889	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	44932	50.765	ug/l	96
56) Ethyl methacrylate	10.508	69	53573	52.371	ug/l	94
57) 1,3-Dichloropropane	10.788	76	70135	49.497	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	94242	212.882	ug/l	96
59) 2-Hexanone	10.831	43	135047	228.140	ug/l	97
60) Dibromochloromethane	10.984	129	60462	51.574	ug/l	98
61) 1,2-Dibromoethane	11.087	107	43665	50.622	ug/l	96
64) Tetrachloroethene	10.715	164	65214	50.254	ug/l	98
65) Chlorobenzene	11.514	112	153238	48.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	62992	50.184	ug/l	99
67) Ethyl Benzene	11.593	91	264036	49.713	ug/l	96
68) m/p-Xylenes	11.703	106	218574	103.596	ug/l	98
69) o-Xylene	12.026	106	102401	51.952	ug/l	97
70) Styrene	12.044	104	171587	51.587	ug/l	99
71) Bromoform	12.209	173	41582	52.878	ug/l #	99
73) Isopropylbenzene	12.331	105	273911	53.691	ug/l	98
74) N-amyl acetate	12.142	43	60477	42.651	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	48354	47.678	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	67374	87.081	ug/l #	100
77) Bromobenzene	12.611	156	69050	50.947	ug/l	94
78) n-propylbenzene	12.672	91	313411	49.831	ug/l	97
79) 2-Chlorotoluene	12.758	91	177451	49.892	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	229652	51.673	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17697	51.691	ug/l	99
82) 4-Chlorotoluene	12.855	91	192230	51.666	ug/l	97
83) tert-Butylbenzene	13.075	119	208500	53.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	235608	53.993	ug/l	98
85) sec-Butylbenzene	13.251	105	299380	52.485	ug/l	97
86) p-Isopropyltoluene	13.367	119	259339	53.049	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	139050	50.383	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	139741	50.154	ug/l	98
89) n-Butylbenzene	13.696	91	228277	52.412	ug/l	98
90) Hexachloroethane	13.959	117	48787	49.235	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	124718	50.810	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8917	51.154	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	78431	53.482	ug/l	99
94) Hexachlorobutadiene	15.111	225	48027	51.177	ug/l	99
95) Naphthalene	15.239	128	148822	49.637	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	68896	53.380	ug/l	99

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ICVVY081622

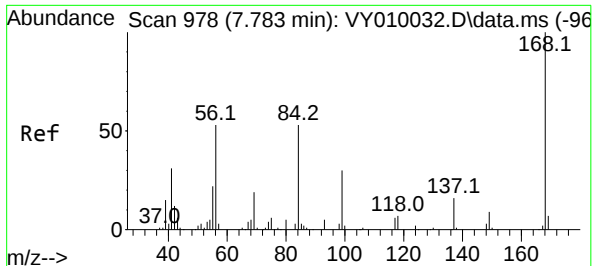
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

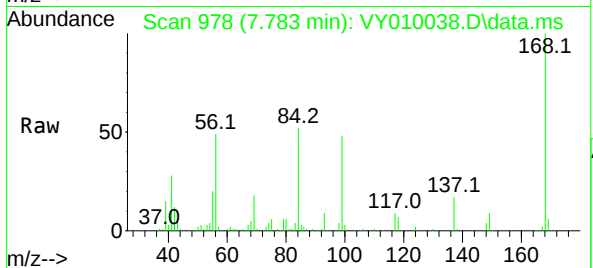
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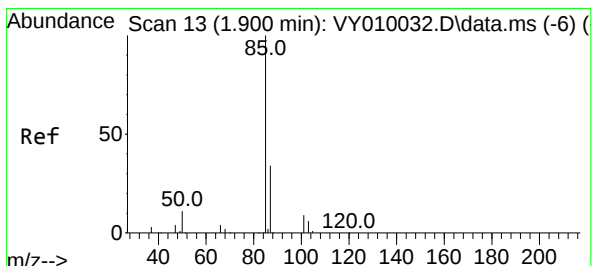
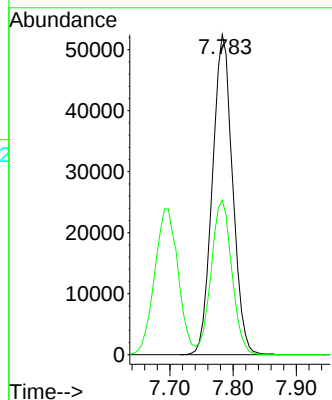
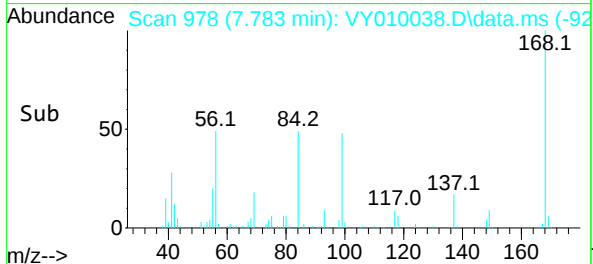


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010038.D
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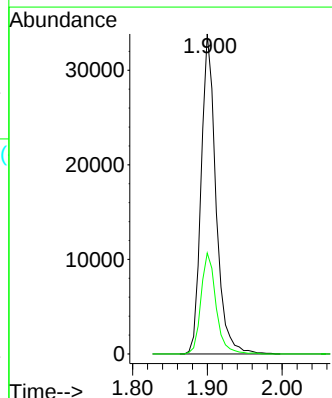
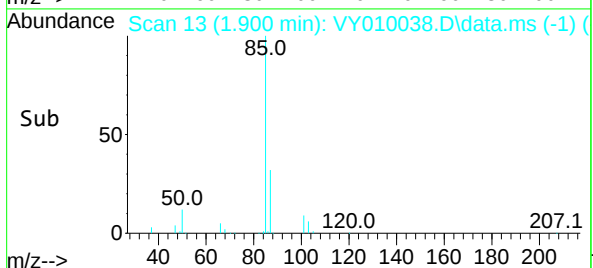
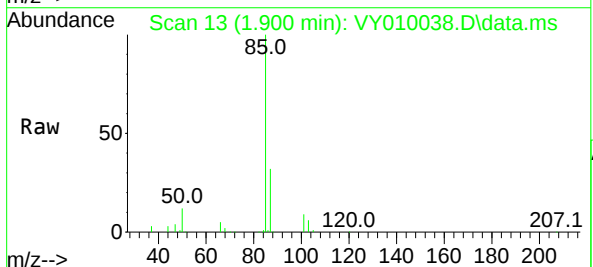


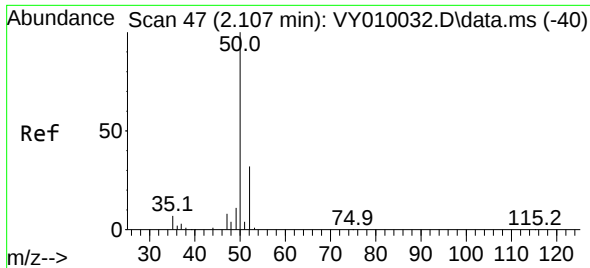
Tgt Ion:168 Resp: 116203
Ion Ratio Lower Upper
168 100
99 48.3 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 48.865 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 85 Resp: 46482
Ion Ratio Lower Upper
85 100
87 31.5 16.9 50.7

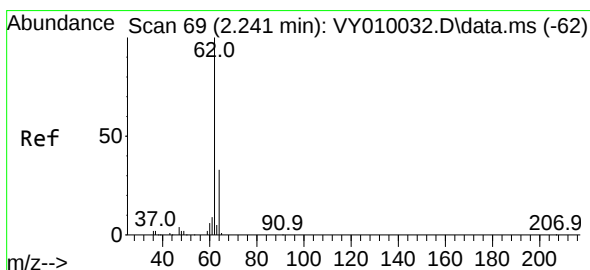
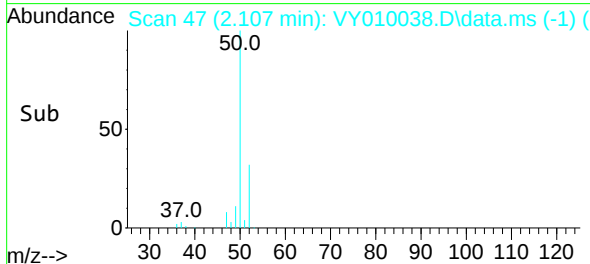
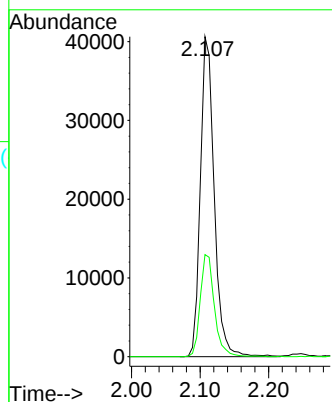
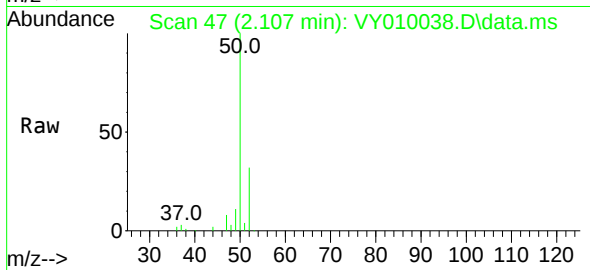




#3
Chloromethane
Concen: 45.244 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

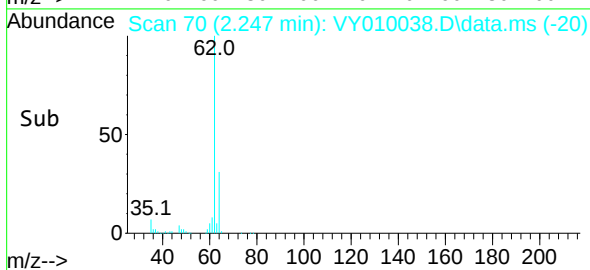
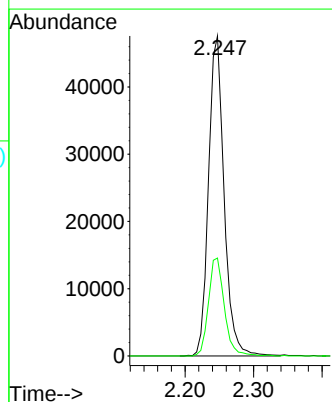
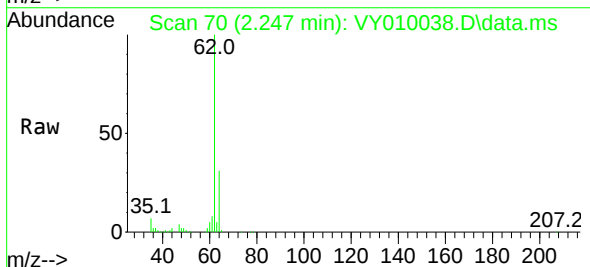
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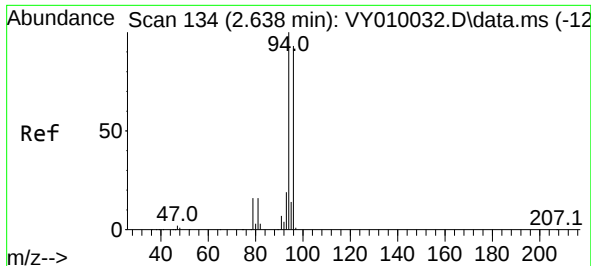
Tgt Ion: 50 Resp: 57359
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 45.482 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 62 Resp: 75170
Ion Ratio Lower Upper
62 100
64 30.6 26.6 39.8

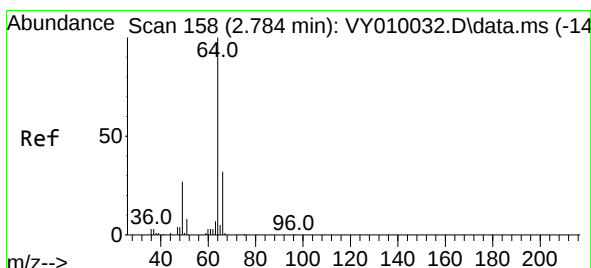
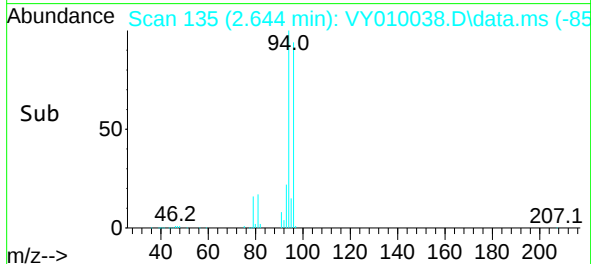
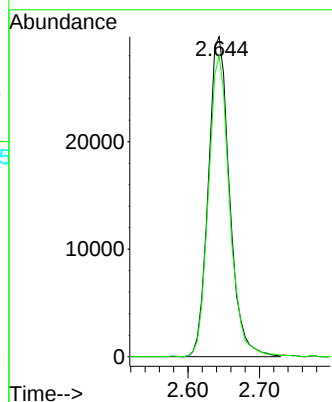
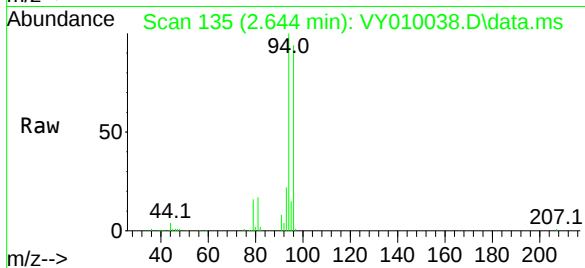




#5
Bromomethane
Concen: 48.919 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

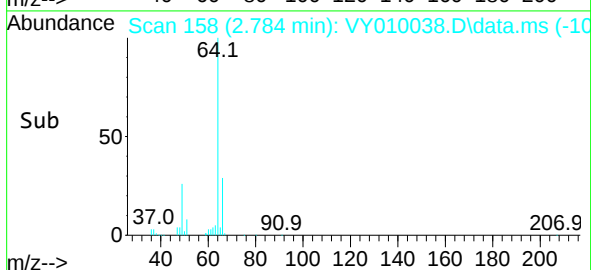
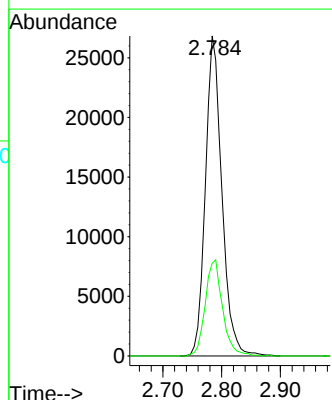
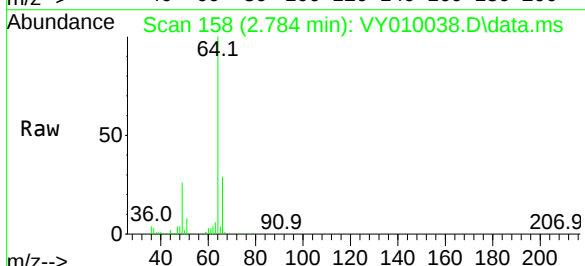
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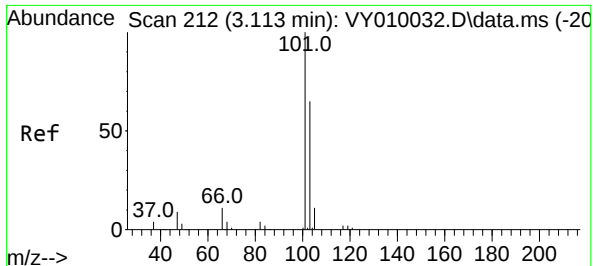
Tgt Ion: 94 Resp: 61428
Ion Ratio Lower Upper
94 100
96 94.1 74.2 111.2



#6
Chloroethane
Concen: 45.929 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 64 Resp: 52277
Ion Ratio Lower Upper
64 100
66 29.0 26.0 39.0

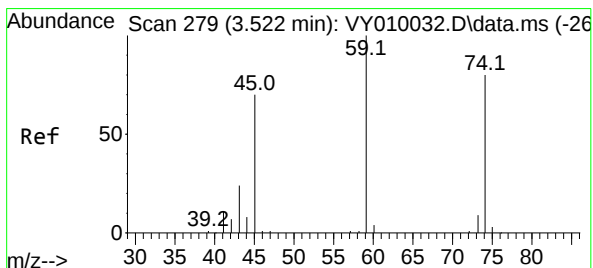
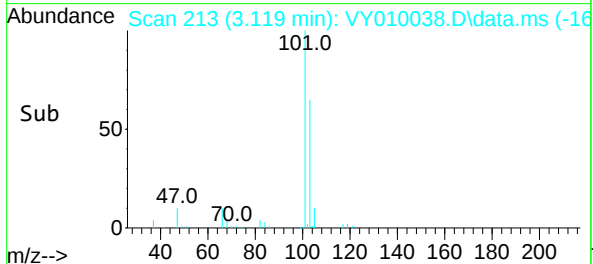
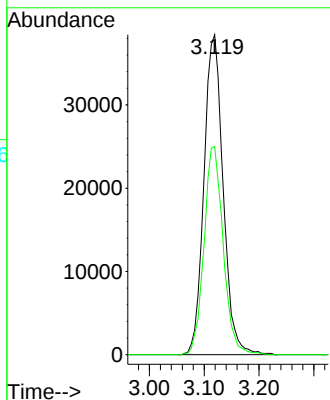
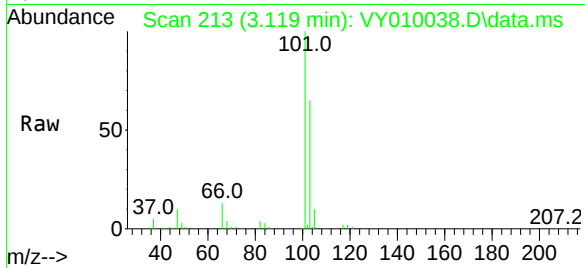




#7
 Trichlorofluoromethane
 Concen: 47.552 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

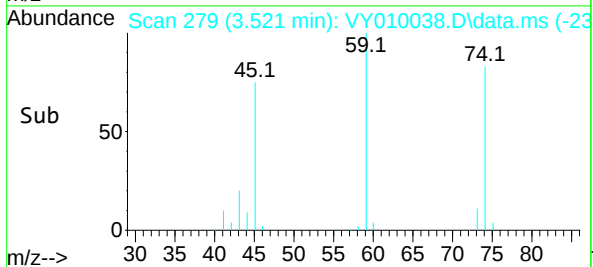
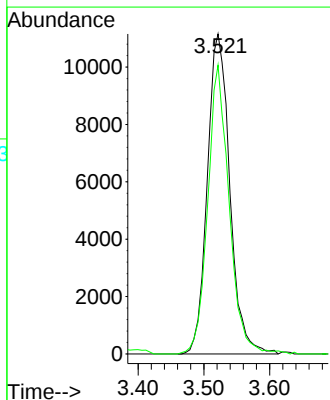
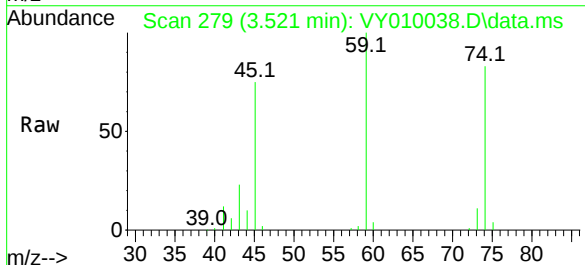
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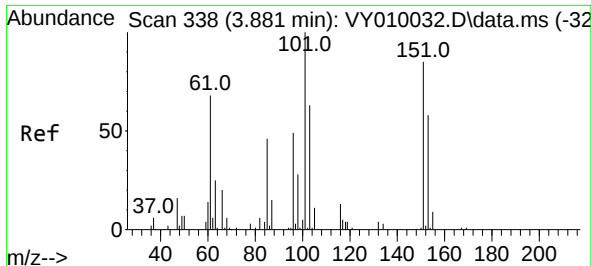
Tgt Ion:101 Resp: 93357
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.1 78.1



#8
 Diethyl Ether
 Concen: 48.301 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.001 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

Tgt Ion: 74 Resp: 26559
 Ion Ratio Lower Upper
 74 100
 45 86.1 46.4 139.1

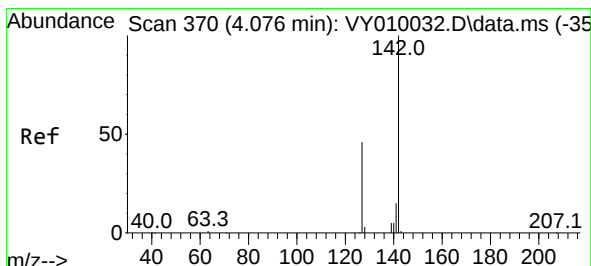
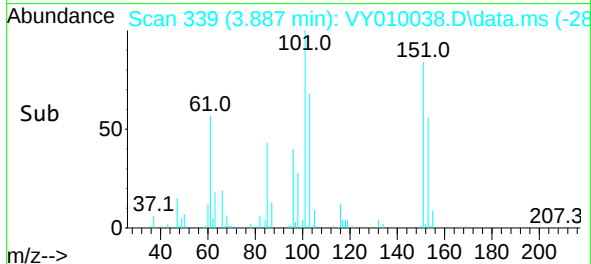
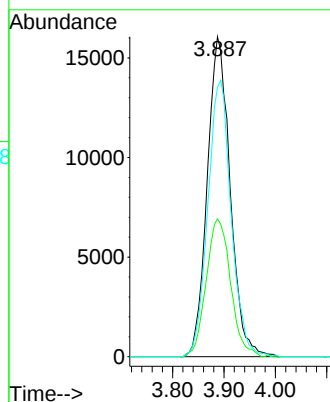
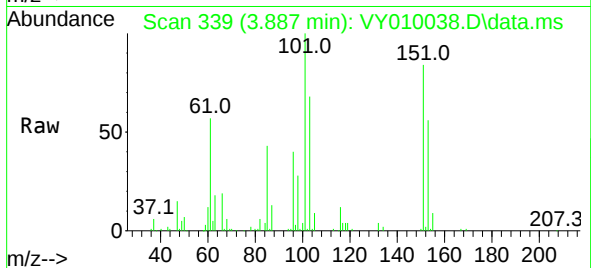




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.777 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010038.D
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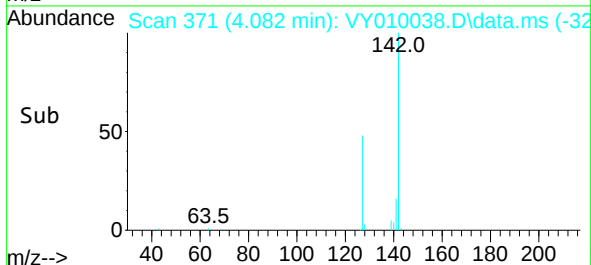
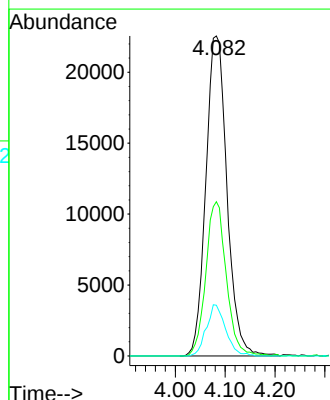
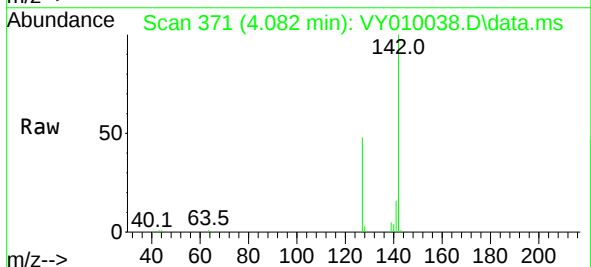
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

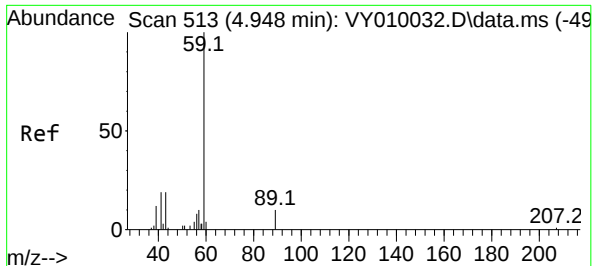
Tgt Ion:101 Resp: 49741
Ion Ratio Lower Upper
101 100
85 45.7 35.6 53.4
151 87.9 68.6 102.8



#10
Methyl Iodide
Concen: 53.993 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion:142 Resp: 66539
Ion Ratio Lower Upper
142 100
127 46.6 37.9 56.9
141 14.6 11.6 17.4

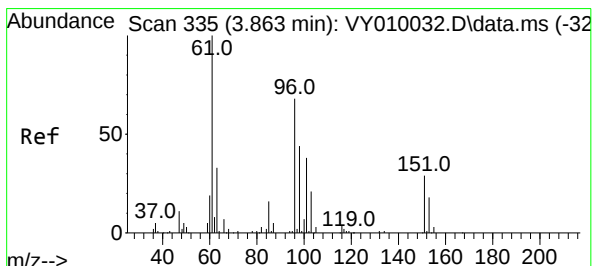
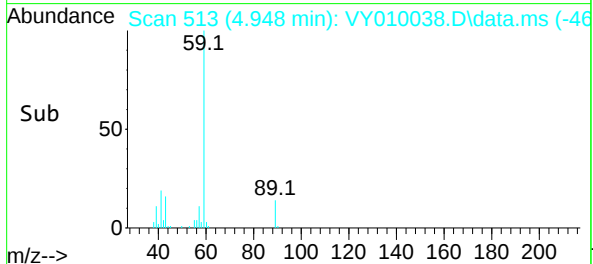
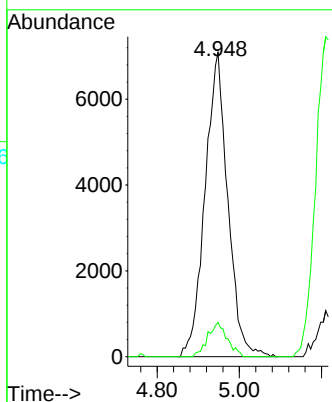
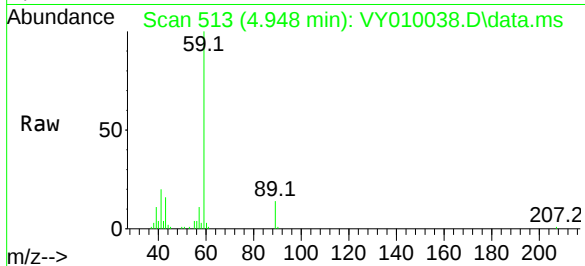




#11
Tert butyl alcohol
Concen: 252.890 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

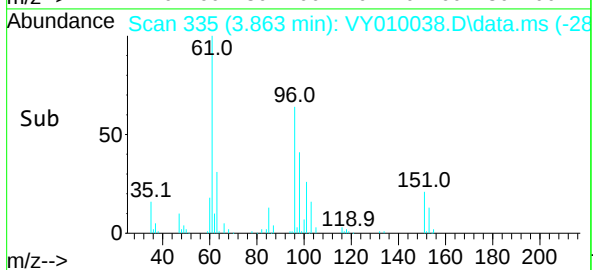
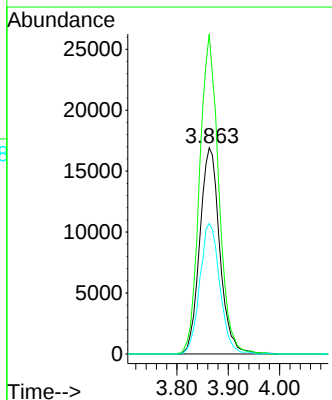
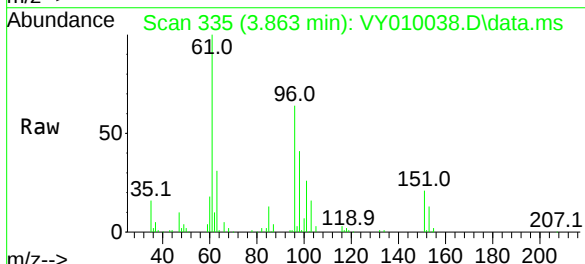
Instrument :
MSVOA_Y
ClientSampleId :
ICVY081622

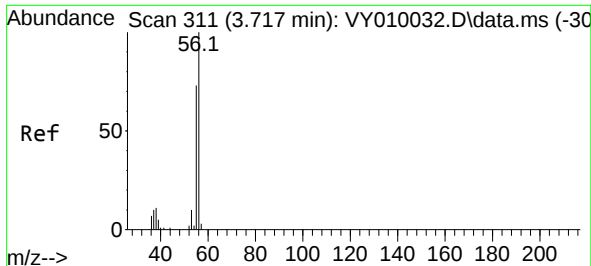
Tgt Ion: 59 Resp: 27269
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.864 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 96 Resp: 45606
Ion Ratio Lower Upper
96 100
61 155.1 117.8 176.8
98 63.2 51.9 77.9





#13

Acrolein

Concen: 239.081 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

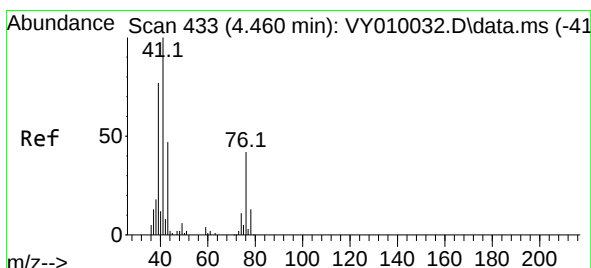
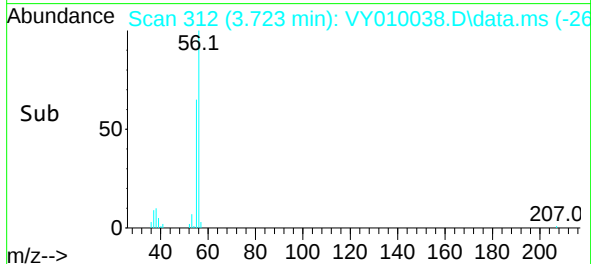
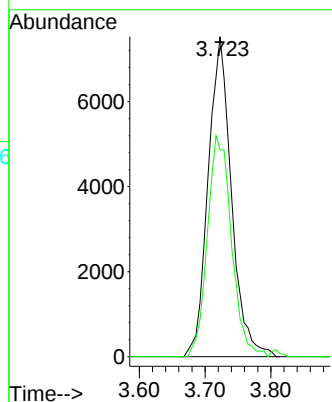
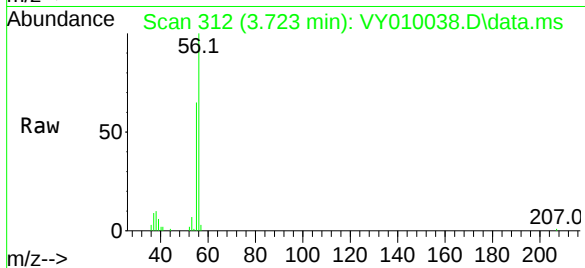
ICVY081622

Tgt Ion: 56 Resp: 18542

Ion Ratio Lower Upper

56 100

55 71.4 59.4 89.0



#14

Allyl chloride

Concen: 48.222 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

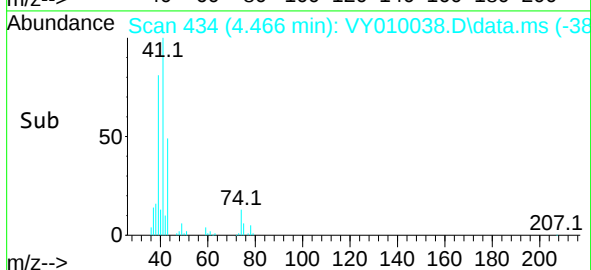
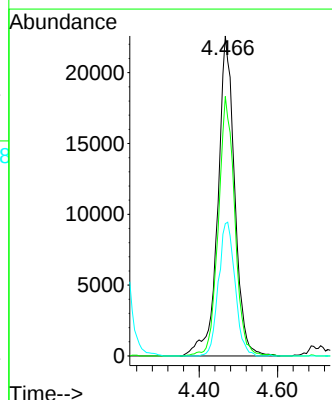
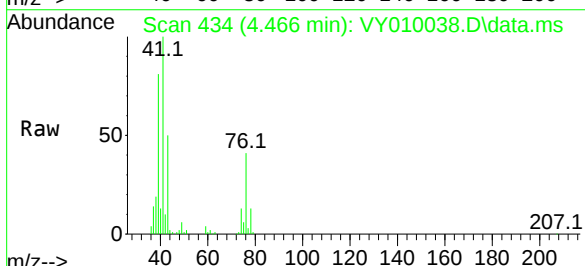
Tgt Ion: 41 Resp: 67527

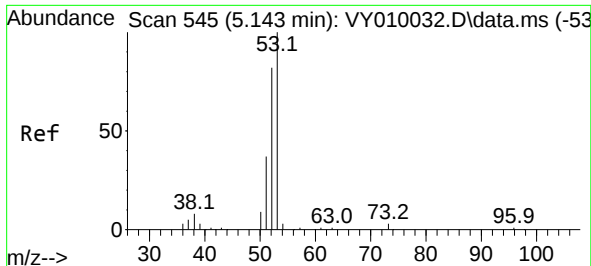
Ion Ratio Lower Upper

41 100

39 79.0 63.2 94.8

76 40.9 32.7 49.1

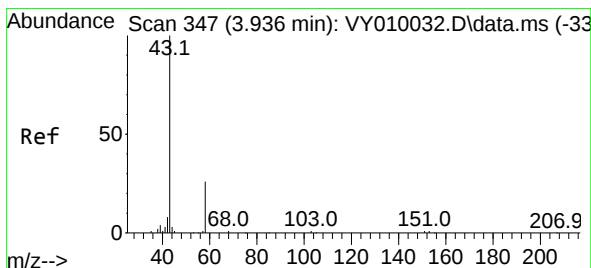
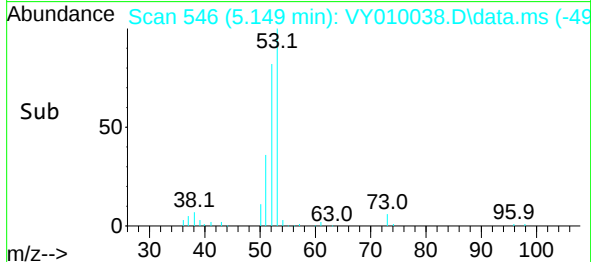
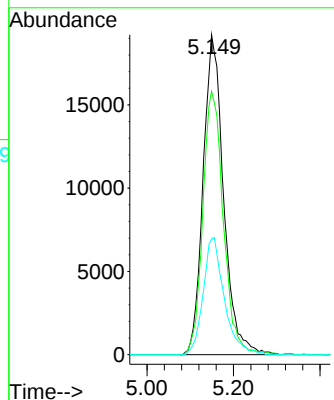
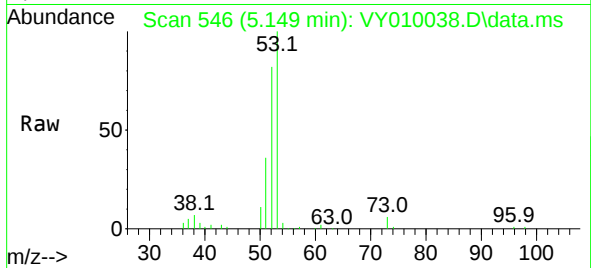




#15
Acrylonitrile
Concen: 243.248 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

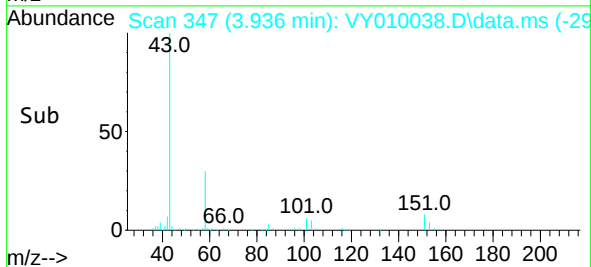
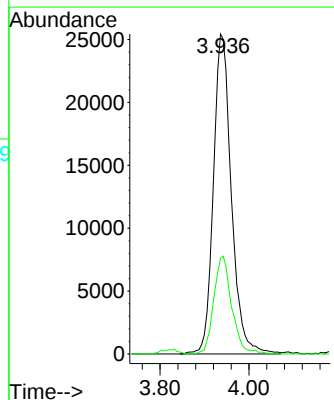
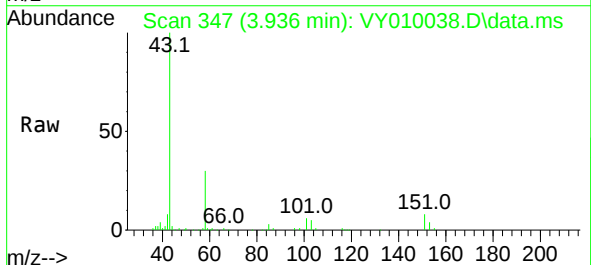
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

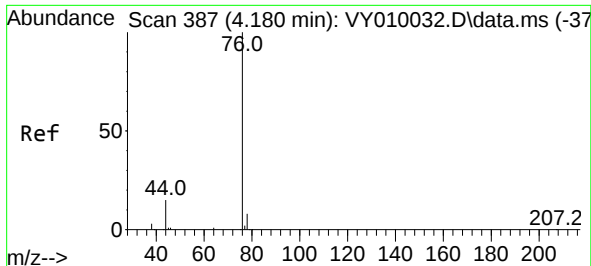
Tgt Ion: 53 Resp: 63067
Ion Ratio Lower Upper
53 100
52 82.7 65.1 97.7
51 37.8 30.2 45.4



#16
Acetone
Concen: 286.557 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 43 Resp: 71313
Ion Ratio Lower Upper
43 100
58 29.9 21.4 32.0

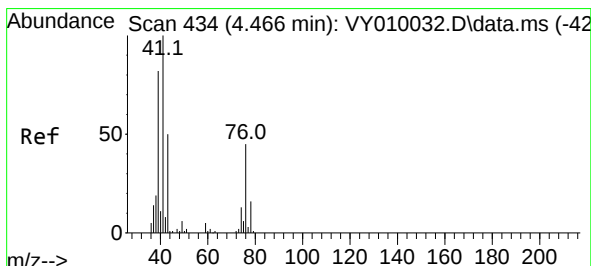
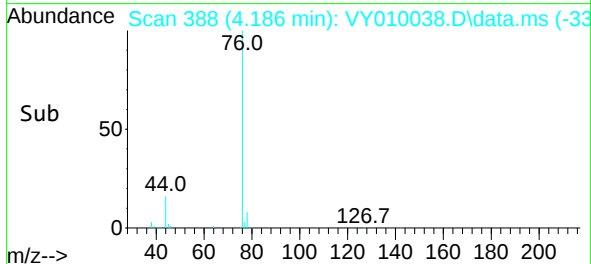
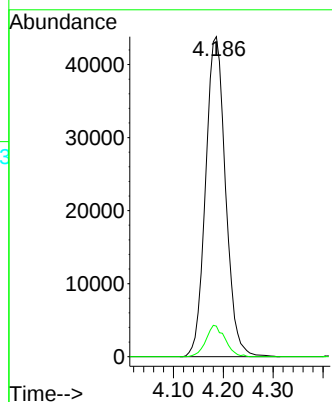
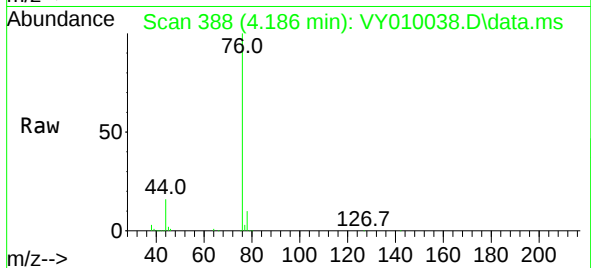




#17
Carbon Disulfide
Concen: 44.562 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

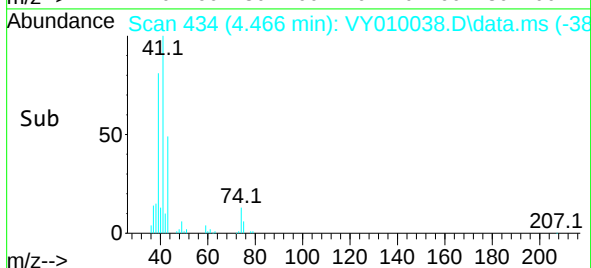
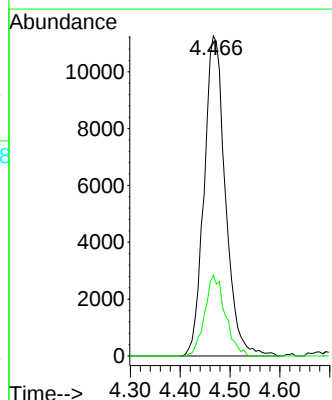
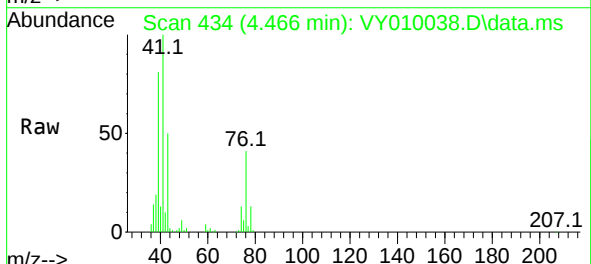
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

Tgt Ion: 76 Resp: 121622
Ion Ratio Lower Upper
76 100
78 9.6 6.7 10.1



#18
Methyl Acetate
Concen: 45.967 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 43 Resp: 33453
Ion Ratio Lower Upper
43 100
74 24.3 20.7 31.1

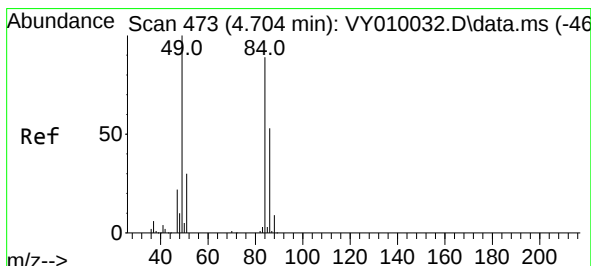
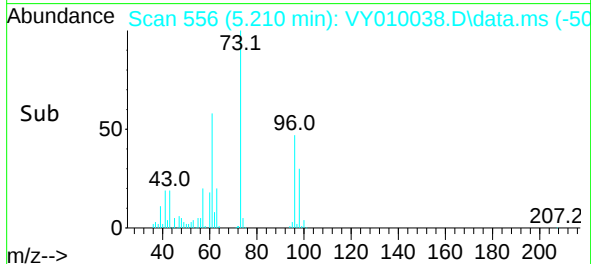
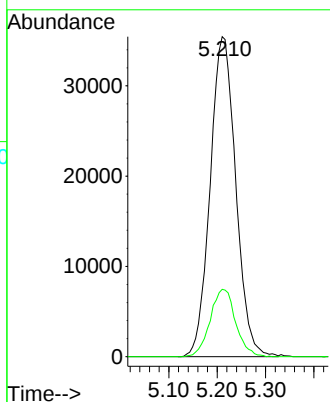
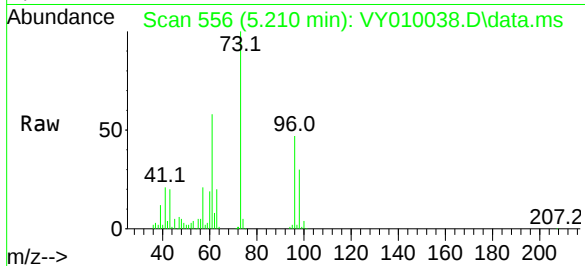




#19
Methyl tert-butyl Ether
Concen: 49.761 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

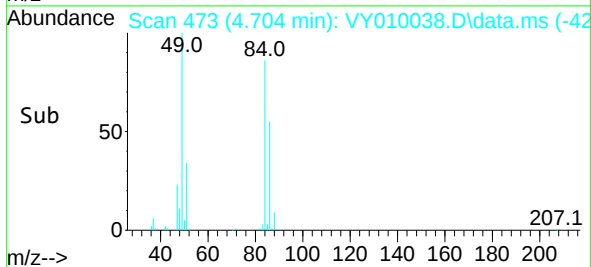
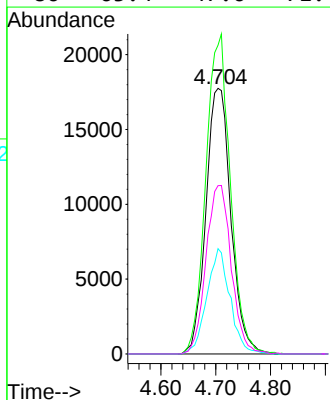
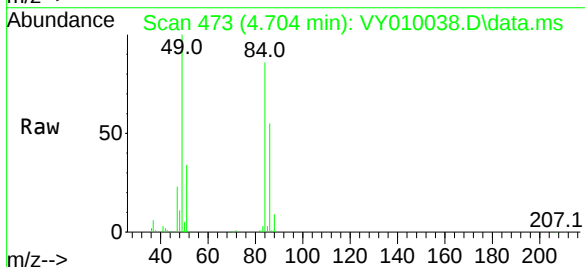
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

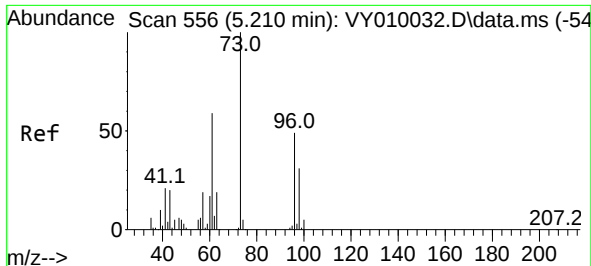
Tgt Ion: 73 Resp: 130277
Ion Ratio Lower Upper
73 100
57 21.0 15.4 23.0



#20
Methylene Chloride
Concen: 48.775 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

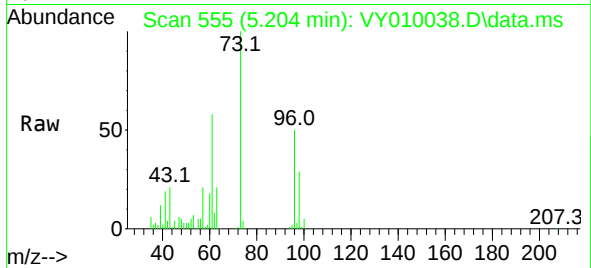
Tgt Ion: 84 Resp: 56245
Ion Ratio Lower Upper
84 100
49 116.3 89.5 134.3
51 39.6 26.8 40.2
86 63.4 47.6 71.4



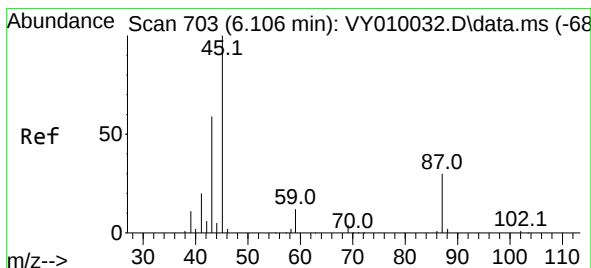
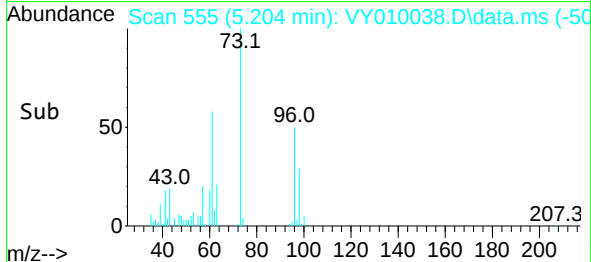
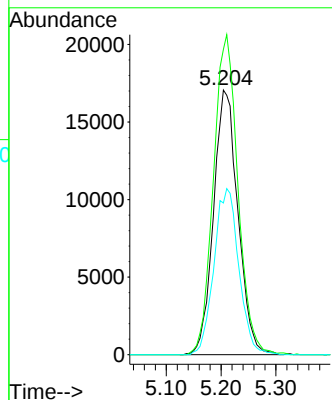


#21
trans-1,2-Dichloroethene
Concen: 48.180 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

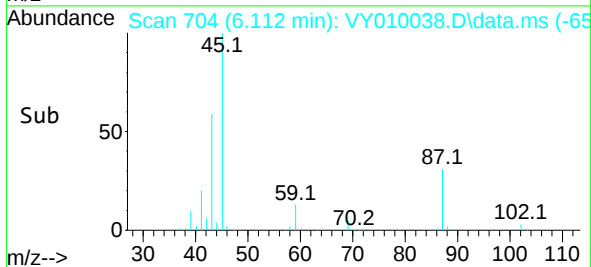
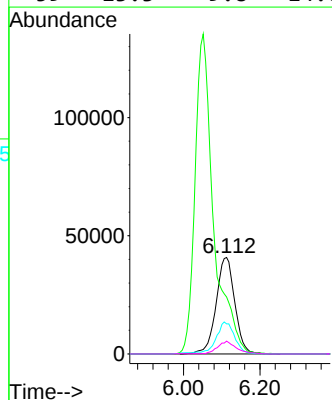
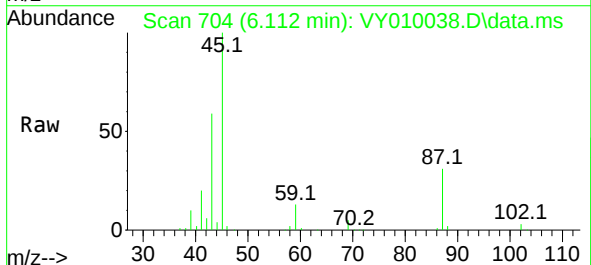


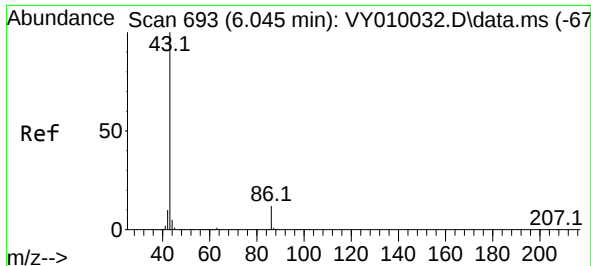
Tgt Ion: 96 Resp: 52796
Ion Ratio Lower Upper
96 100
61 115.3 96.8 145.2
98 57.3 51.0 76.4



#22
Diisopropyl ether
Concen: 50.362 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 45 Resp: 138709
Ion Ratio Lower Upper
45 100
43 58.5 47.5 71.3
87 31.2 24.4 36.6
59 13.3 9.8 14.6

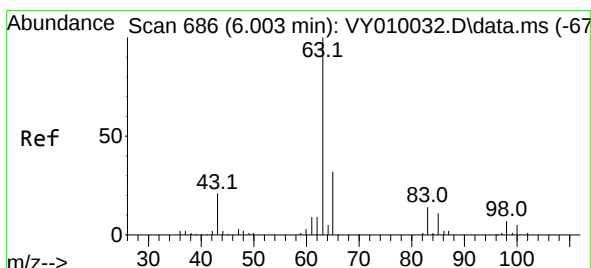
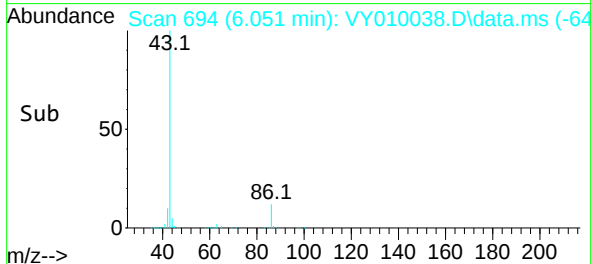
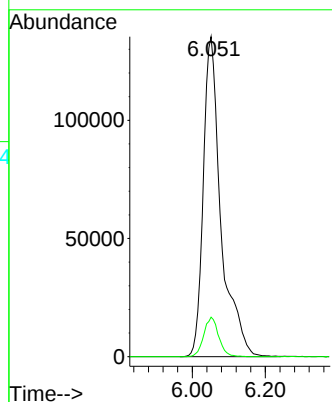
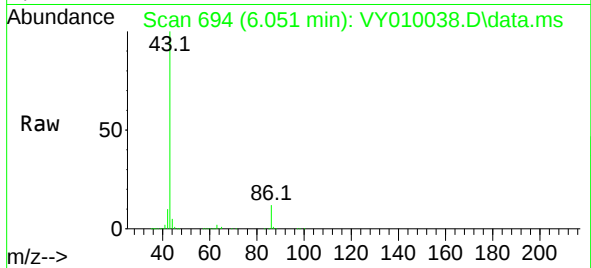




#23
 Vinyl Acetate
 Concen: 262.181 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

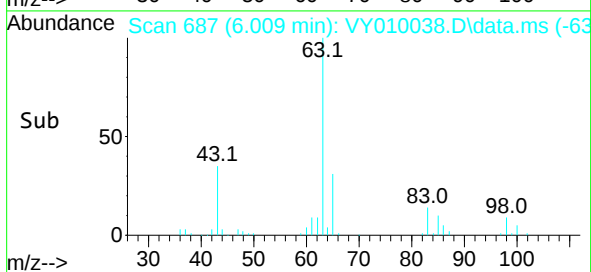
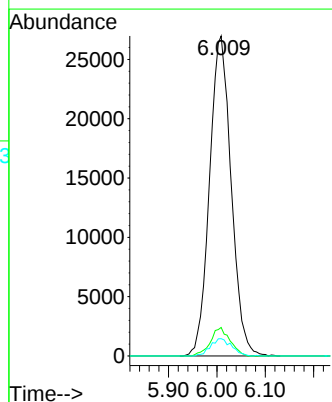
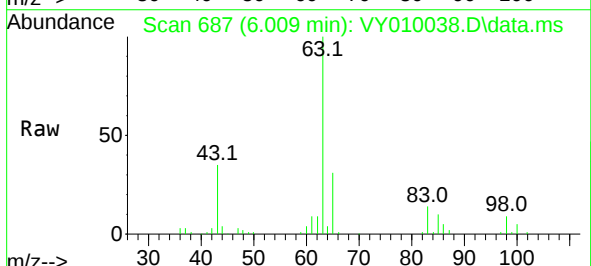
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081622

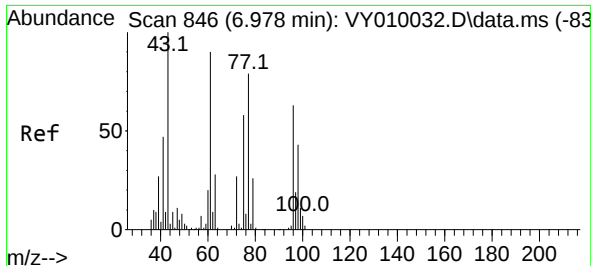
Tgt Ion: 43 Resp: 455660
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 47.884 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

Tgt Ion: 63 Resp: 83758
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.7 11.1
 100 5.4 2.3 6.8

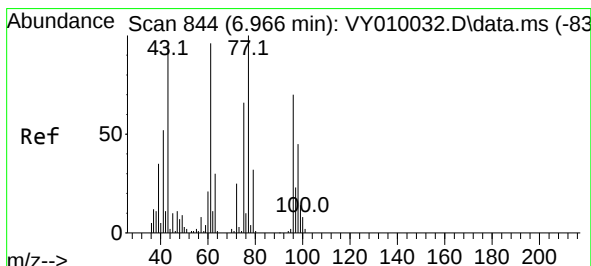
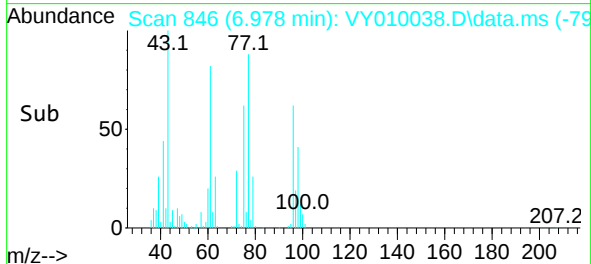
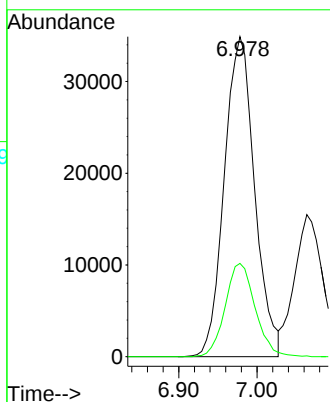
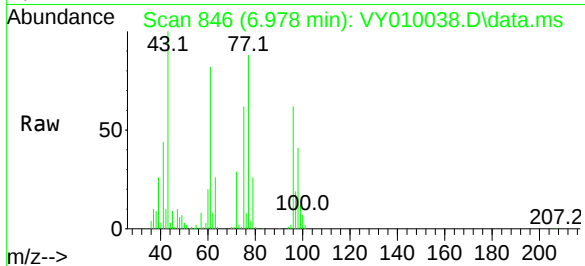




#25
2-Butanone
Concen: 275.647 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

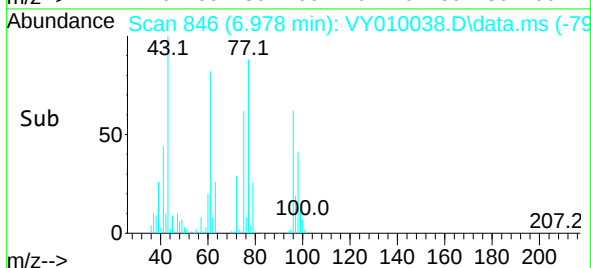
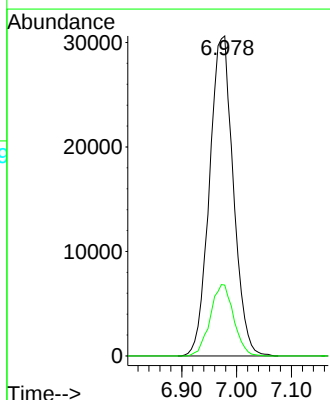
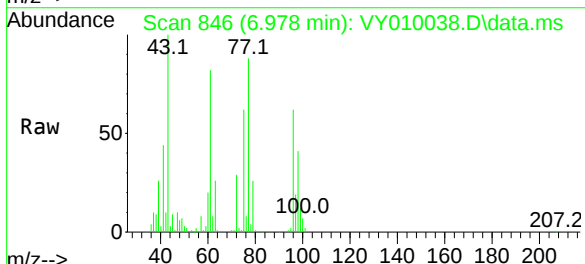
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

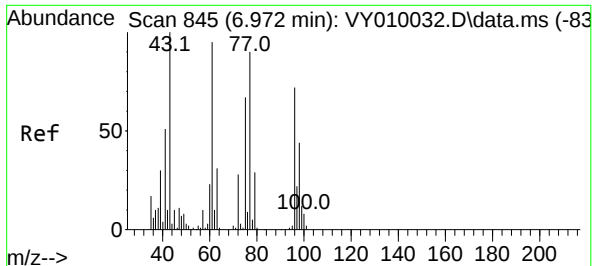
Tgt Ion: 43 Resp: 93845
Ion Ratio Lower Upper
43 100
72 29.2 21.7 32.5



#26
2,2-Dichloropropane
Concen: 50.291 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 77 Resp: 92451
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.426 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY081622

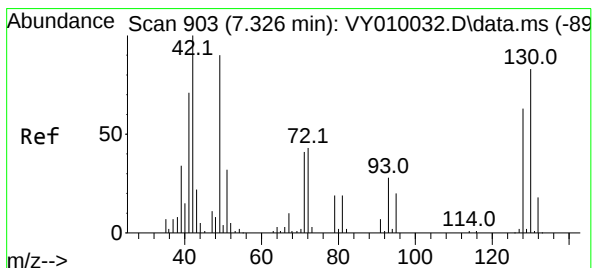
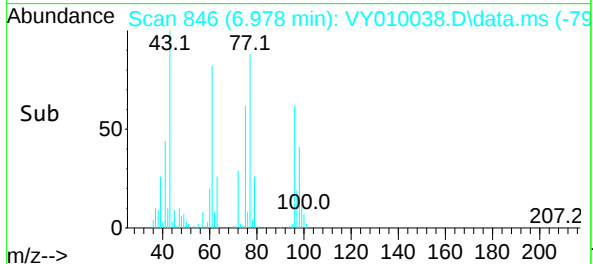
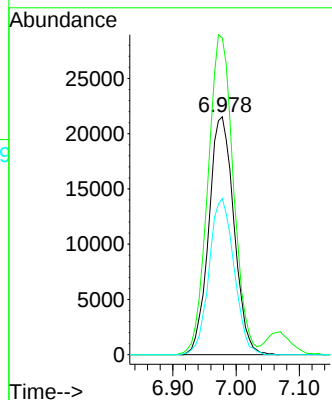
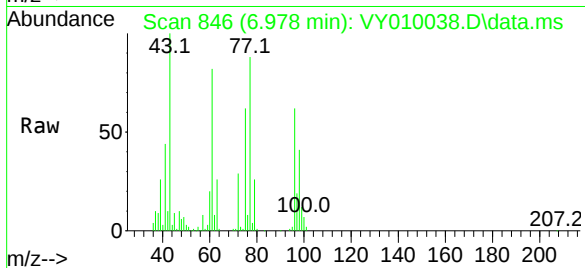
Tgt Ion: 96 Resp: 59560

Ion Ratio Lower Upper

96 100

61 136.0 0.0 276.0

98 65.1 0.0 128.4



#28

Bromochloromethane

Concen: 46.240 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

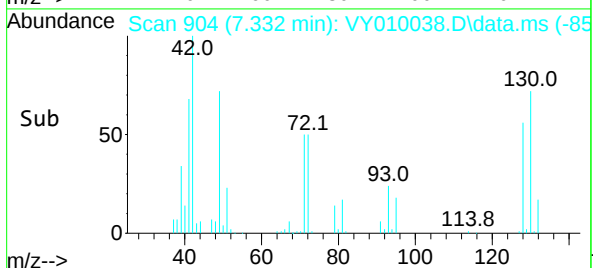
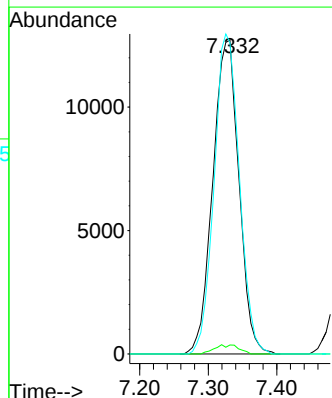
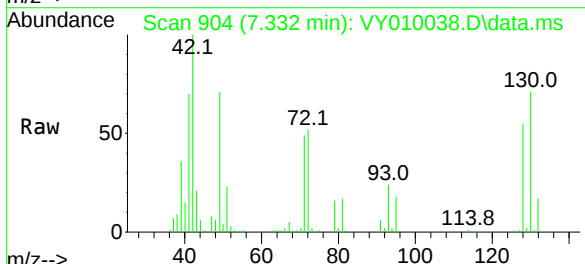
Tgt Ion: 49 Resp: 33657

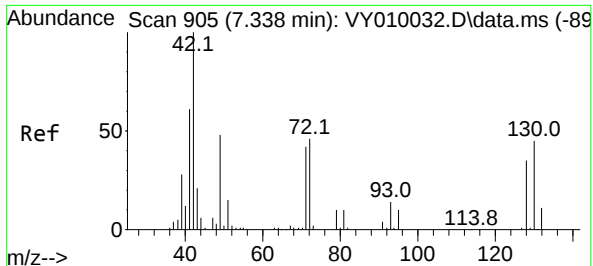
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

130 98.3 71.0 106.4





#29

Tetrahydrofuran

Concen: 240.309 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVY081622

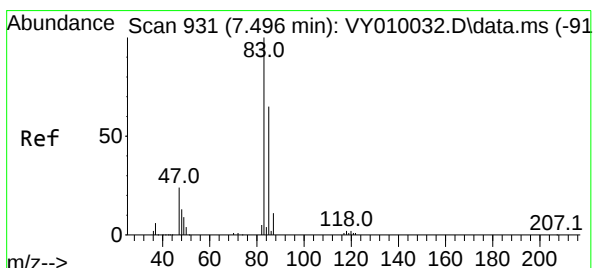
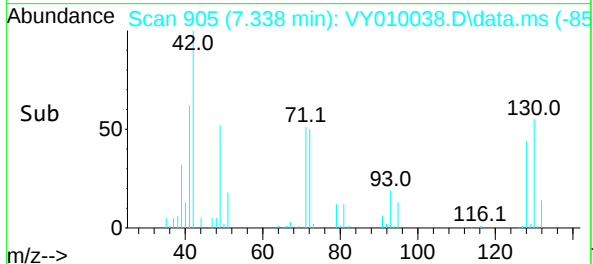
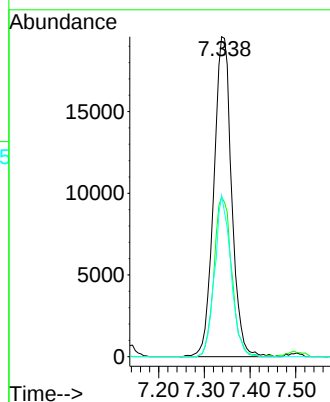
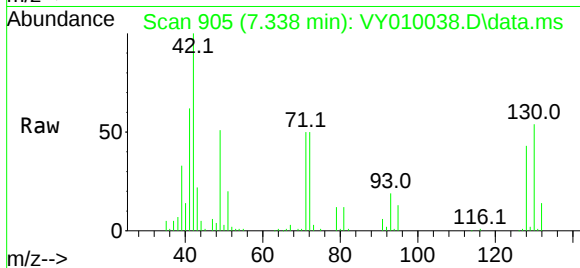
Tgt Ion: 42 Resp: 53141

Ion Ratio Lower Upper

42 100

72 49.2 36.5 54.7

71 46.2 33.4 50.2



#30

Chloroform

Concen: 46.066 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010038.D

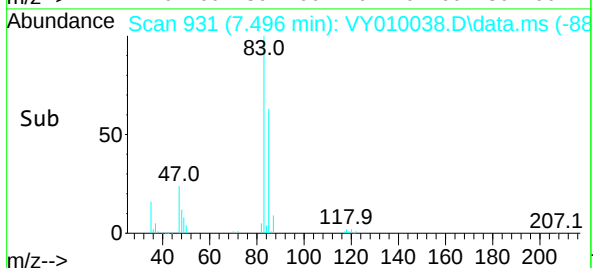
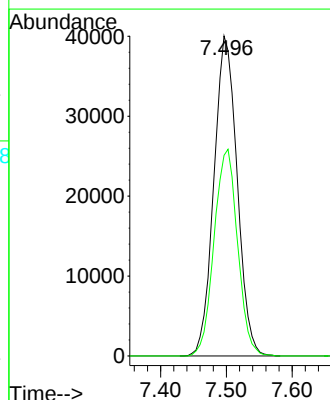
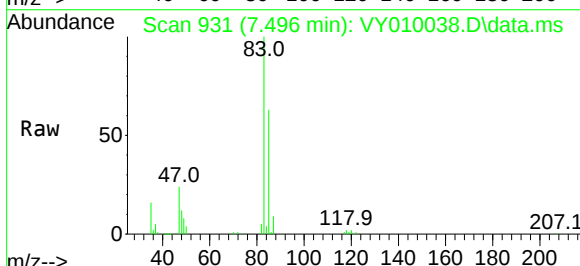
Acq: 16 Aug 2022 10:07

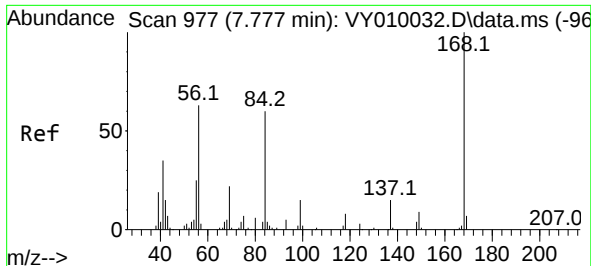
Tgt Ion: 83 Resp: 98542

Ion Ratio Lower Upper

83 100

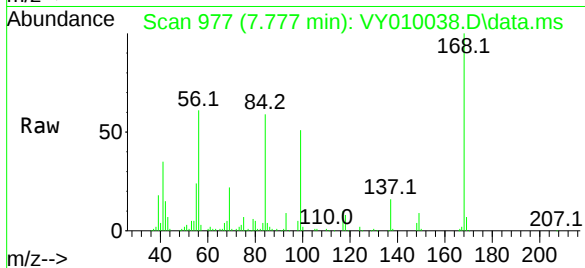
85 62.7 51.9 77.9



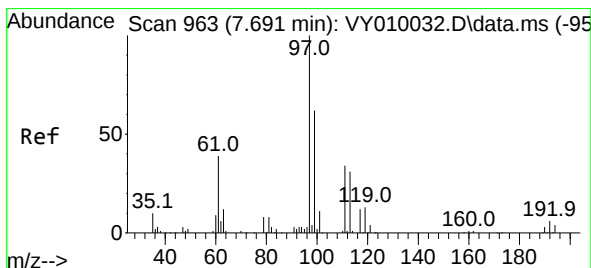
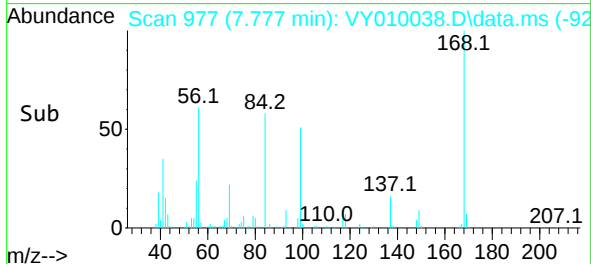
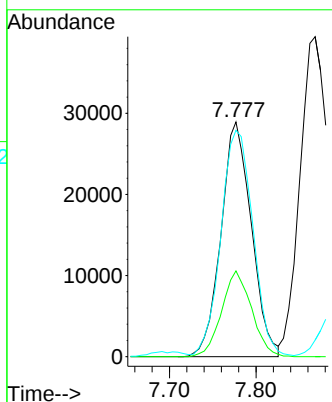


#31
Cyclohexane
Concen: 42.994 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Instrument :
MSVOA_Y
ClientSampleId :
ICVY081622

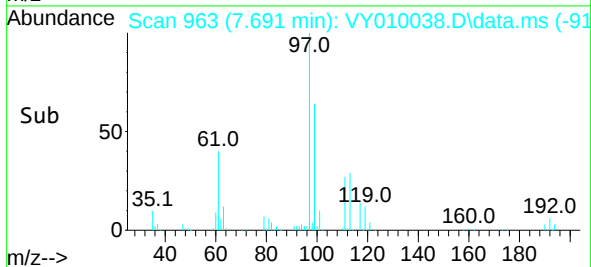
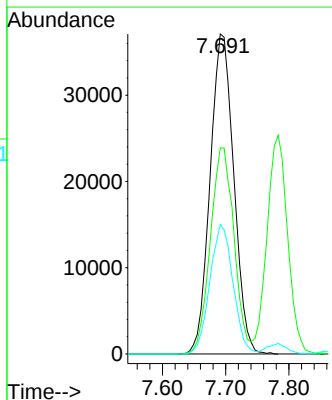
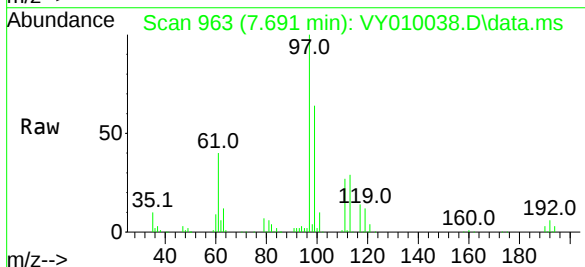


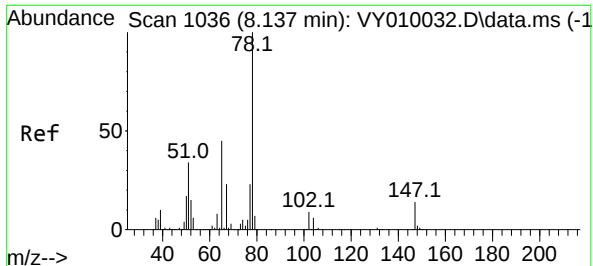
Tgt Ion: 56 Resp: 70582
Ion Ratio Lower Upper
56 100
69 36.5 28.6 43.0
84 94.6 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 49.695 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 97 Resp: 96366
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 39.7 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 46.254 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

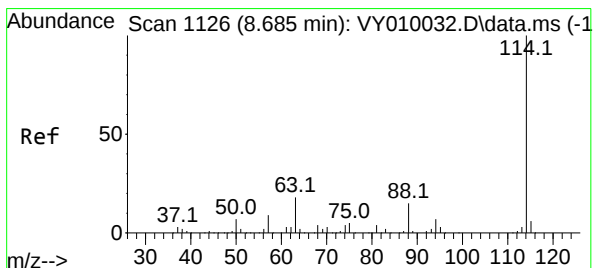
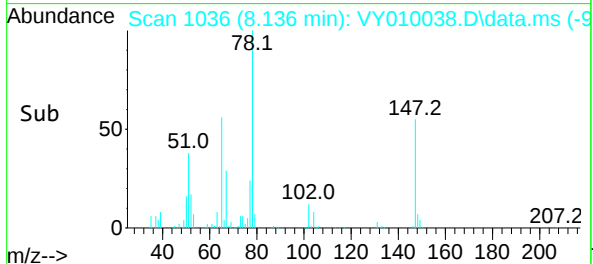
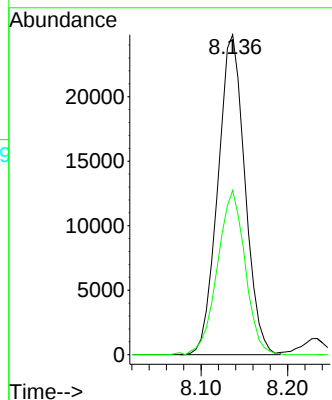
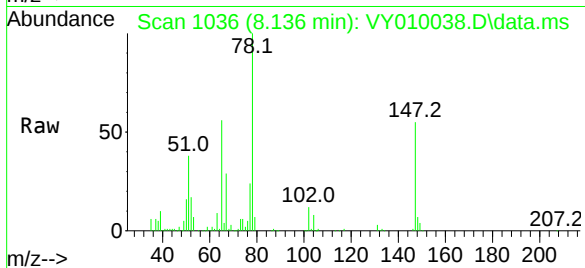
ICVY081622

Tgt Ion: 65 Resp: 53741

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

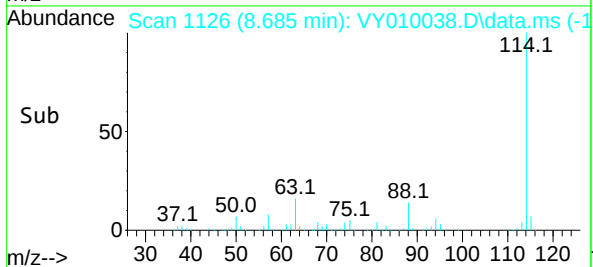
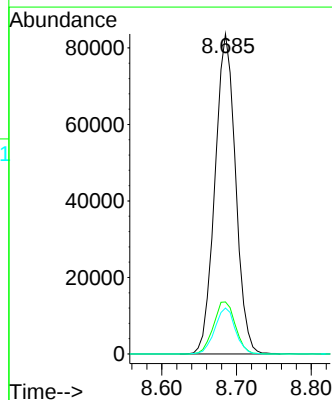
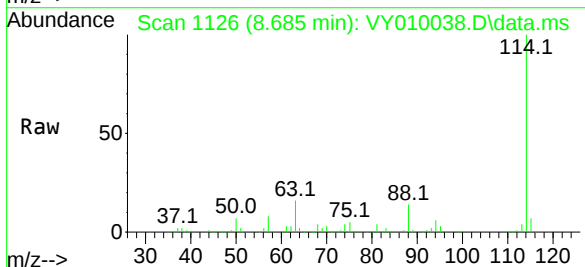
Tgt Ion: 114 Resp: 160108

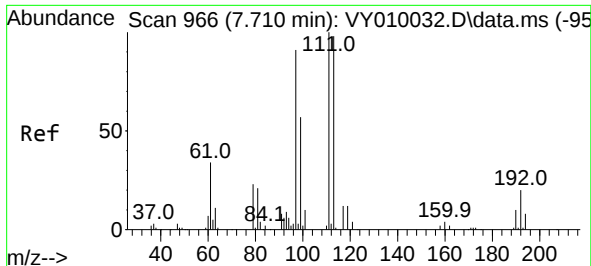
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.2

88 14.4 0.0 30.2

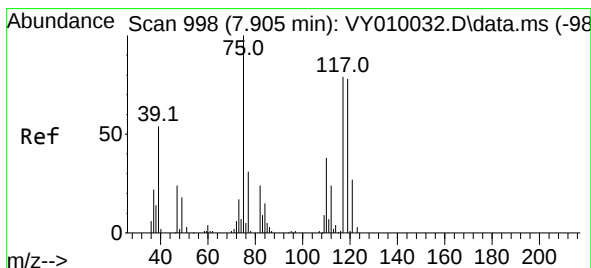
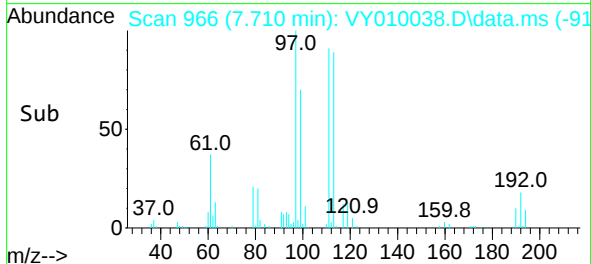
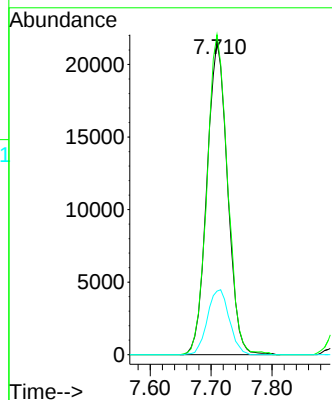
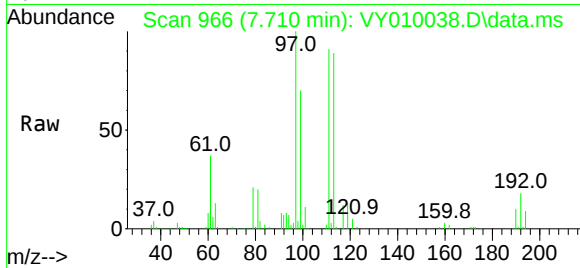




#35
Dibromofluoromethane
Concen: 48.901 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

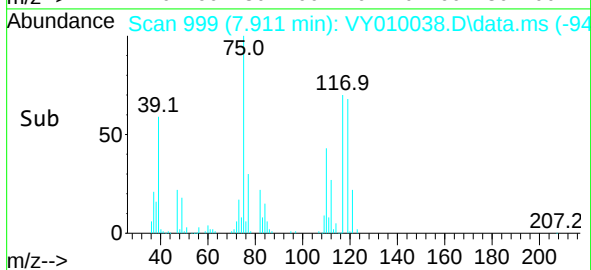
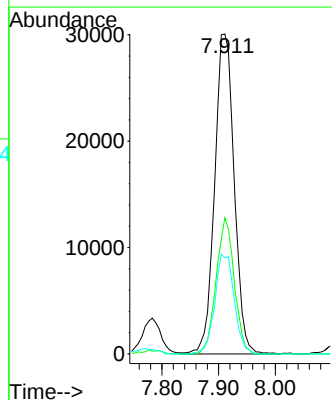
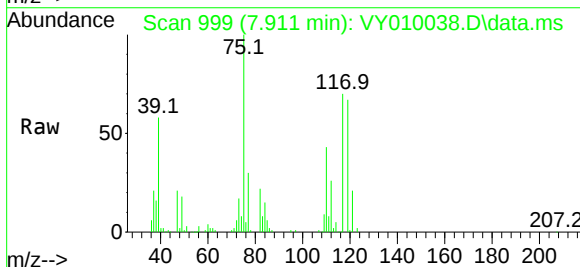
Instrument :
MSVOA_Y
ClientSampleId :
ICVY081622

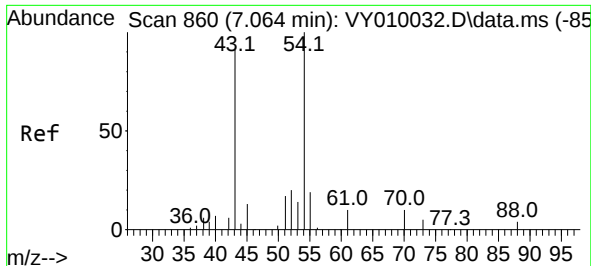
Tgt Ion:113 Resp: 50774
Ion Ratio Lower Upper
113 100
111 102.1 82.7 124.1
192 21.9 17.2 25.8



#36
1,1-Dichloropropene
Concen: 49.879 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 75 Resp: 72146
Ion Ratio Lower Upper
75 100
110 39.2 18.4 55.4
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 56.098 ug/l

RT: 7.064 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

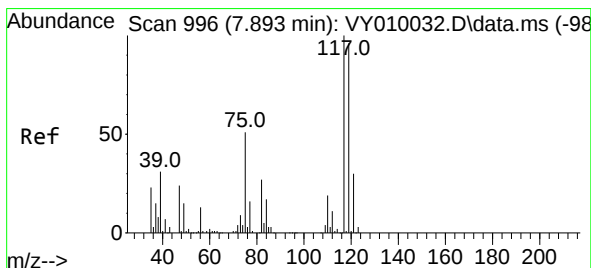
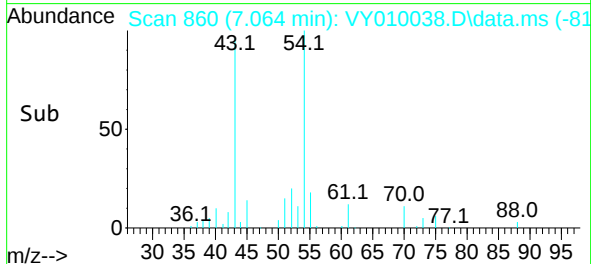
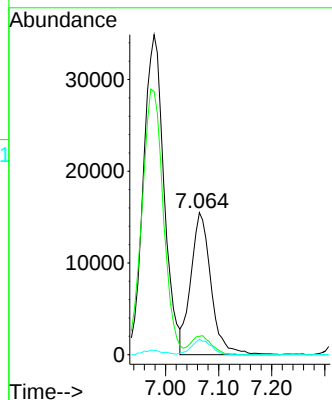
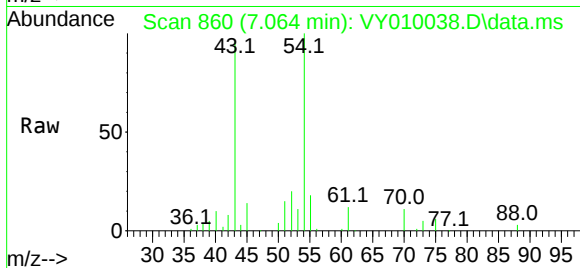
MSVOA_Y

ClientSampleId :

ICVY081622

Tgt Ion: 43 Resp: 40861

Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.6	14.4
70	10.3	7.9	11.9



#38

Carbon Tetrachloride

Concen: 51.620 ug/l

RT: 7.893 min Scan# 996

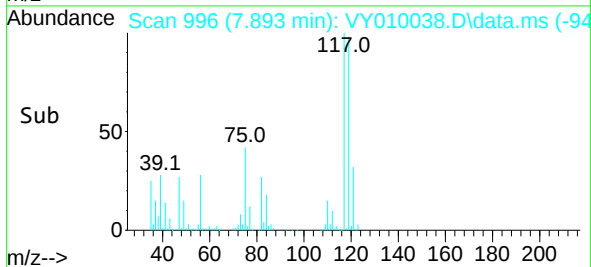
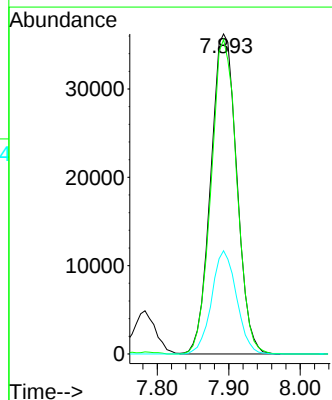
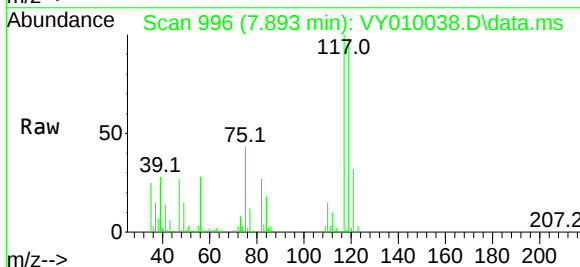
Delta R.T. -0.000 min

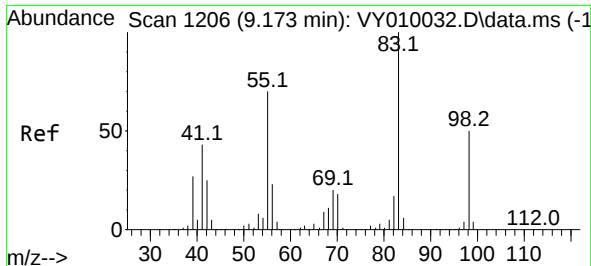
Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Tgt Ion: 117 Resp: 91826

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.0	115.6
121	32.3	24.2	36.4

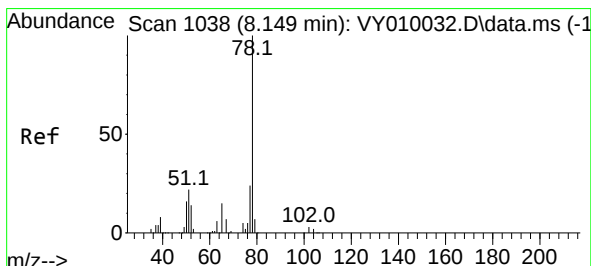
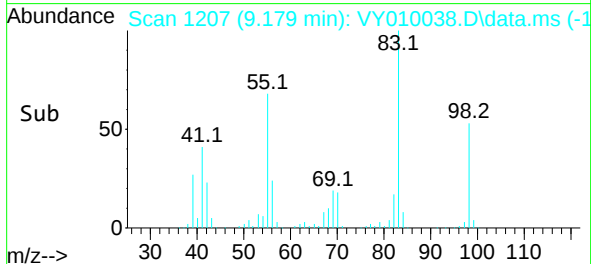
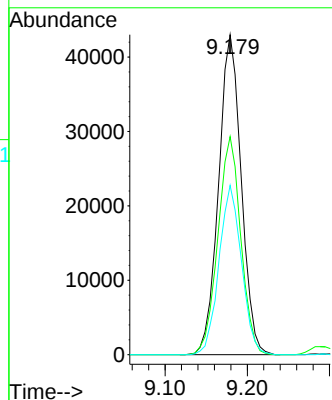
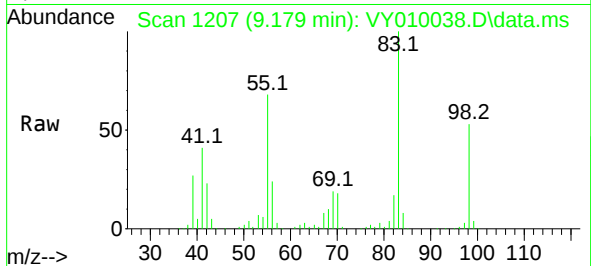




#39
Methylcyclohexane
Concen: 50.532 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

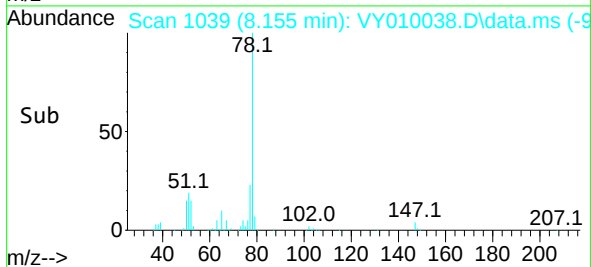
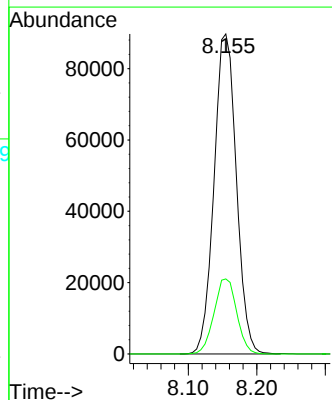
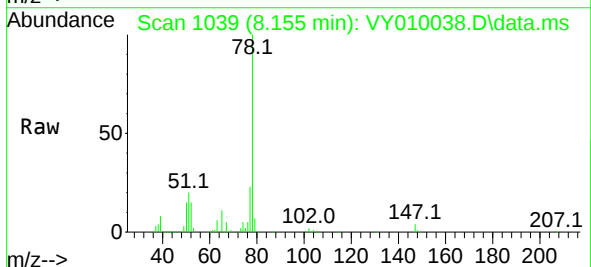
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

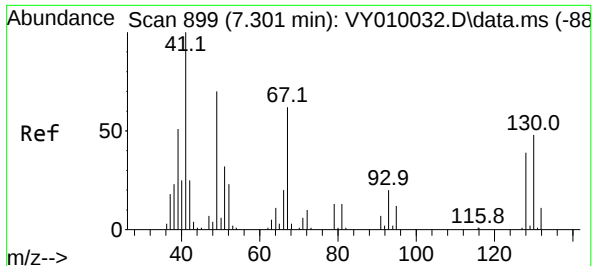
Tgt Ion: 83 Resp: 82349
Ion Ratio Lower Upper
83 100
55 68.2 56.3 84.5
98 52.9 39.8 59.8



#40
Benzene
Concen: 47.880 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 78 Resp: 202601
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

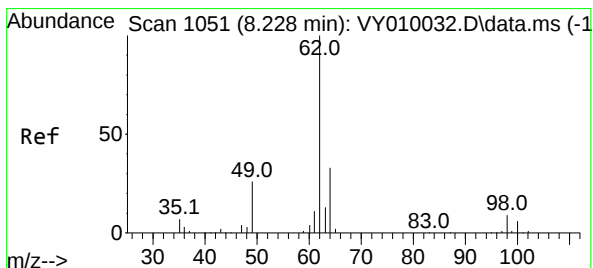
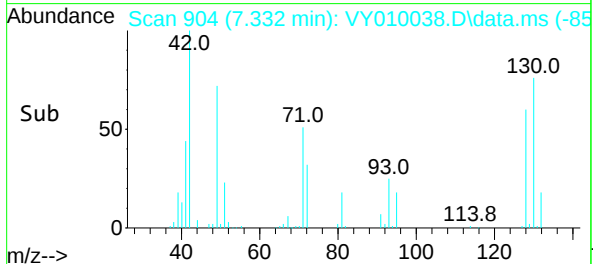
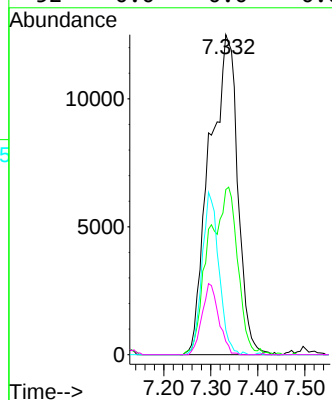
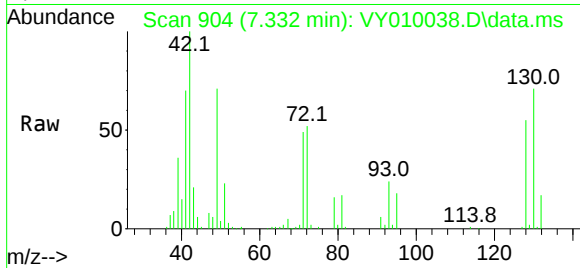




#41
Methacrylonitrile
Concen: 138.267 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

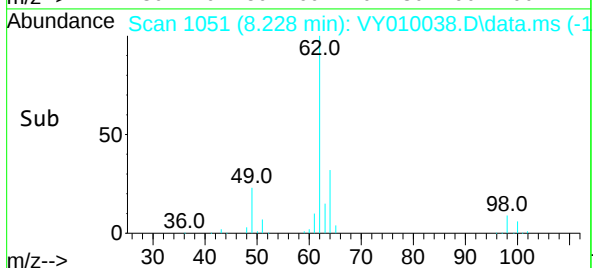
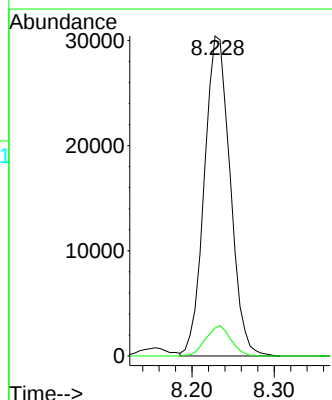
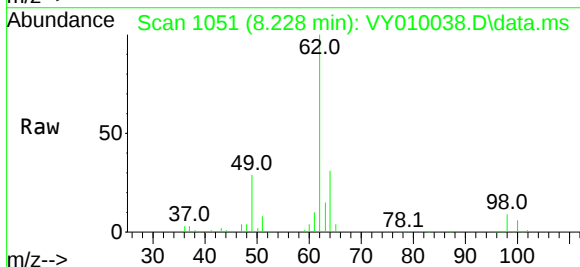
Instrument :
MSVOA_Y
ClientSampleId :
ICVY081622

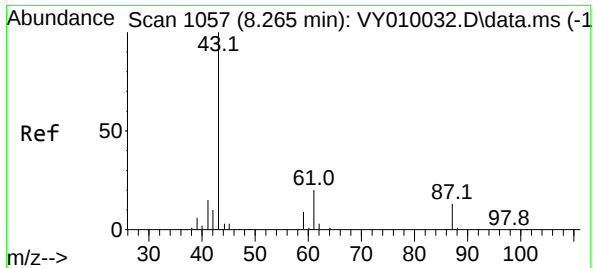
Tgt Ion: 41 Resp: 52021
Ion Ratio Lower Upper
41 100
39 28.8 59.4 89.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.266 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 62 Resp: 66275
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.0

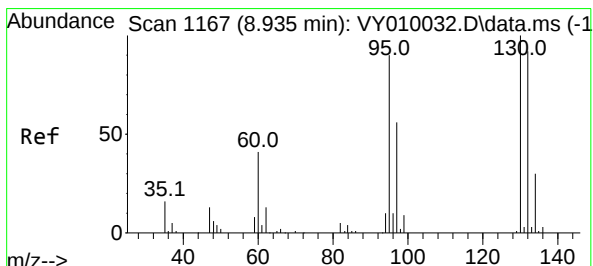
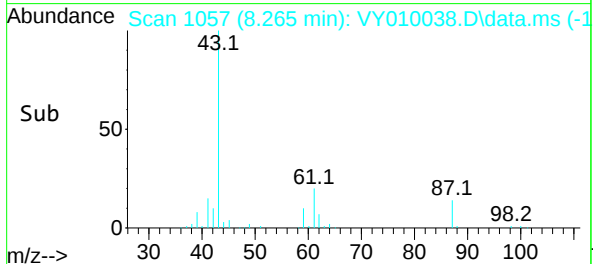
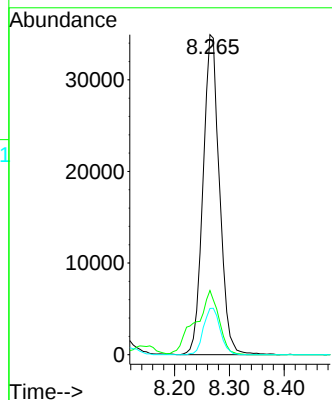
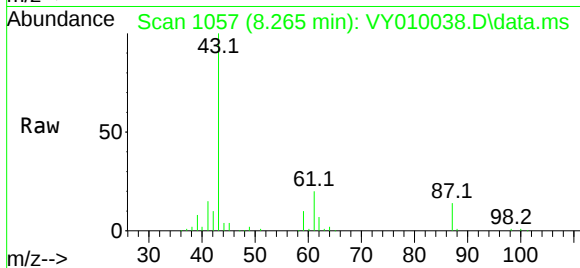




#43
Isopropyl Acetate
Concen: 52.540 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

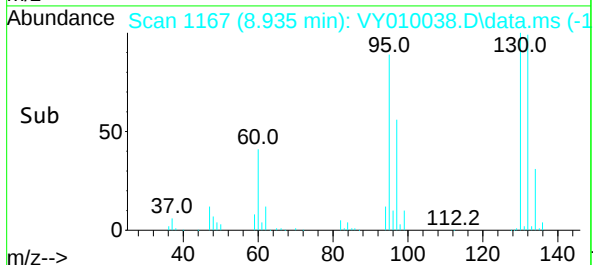
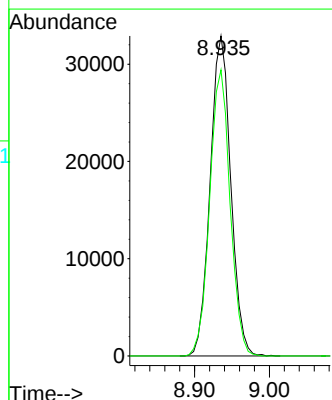
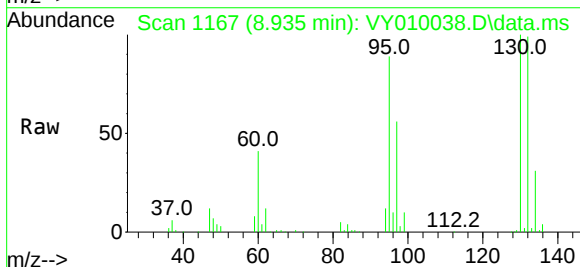
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

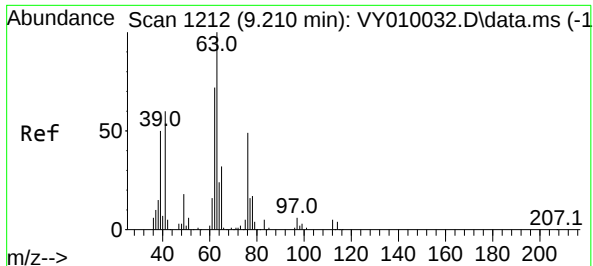
Tgt Ion: 43 Resp: 72641
Ion Ratio Lower Upper
43 100
61 28.5 23.0 34.6
87 14.7 11.1 16.7



#44
Trichloroethene
Concen: 49.472 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion:130 Resp: 63274
Ion Ratio Lower Upper
130 100
95 89.4 0.0 180.0





#45

1,2-Dichloropropane

Concen: 46.183 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

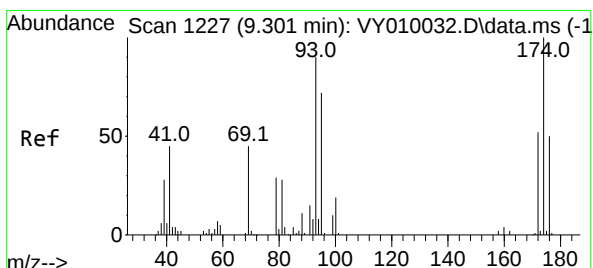
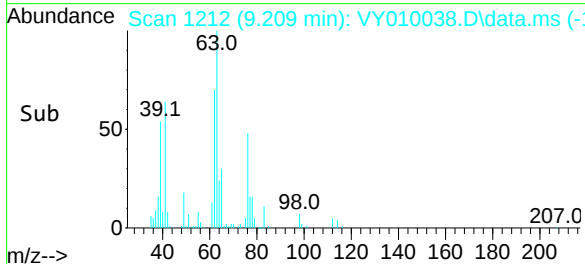
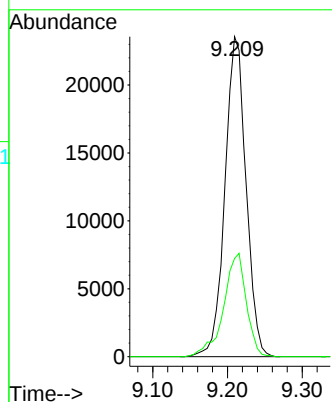
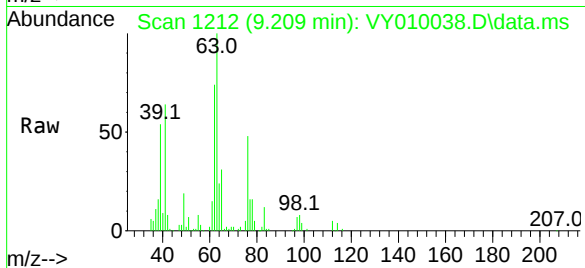
ICVY081622

Tgt Ion: 63 Resp: 46207

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.0



#46

Dibromomethane

Concen: 50.943 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

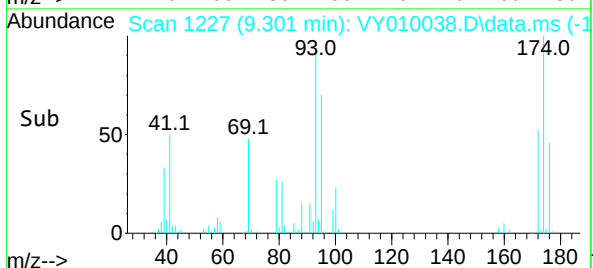
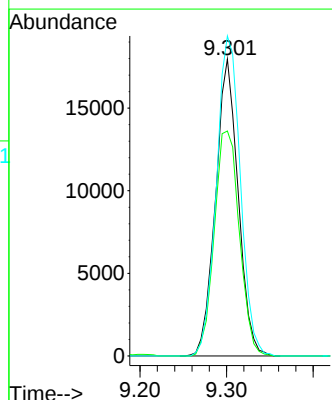
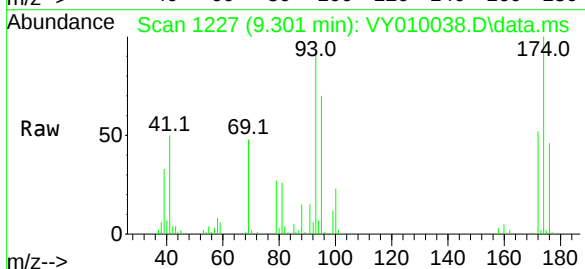
Tgt Ion: 93 Resp: 32644

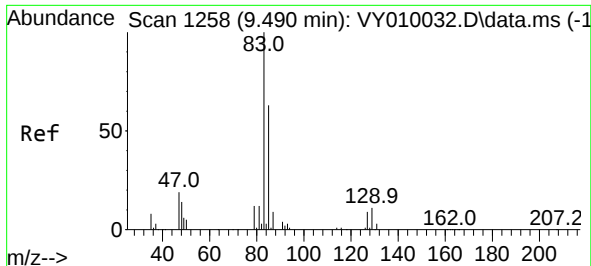
Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

174 114.0 89.5 134.3

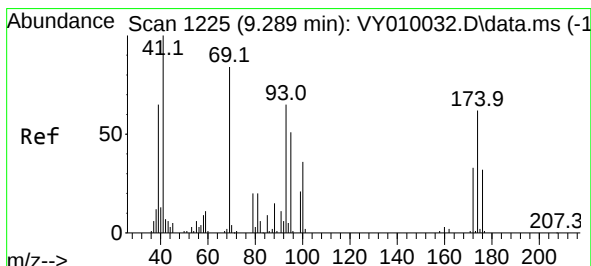
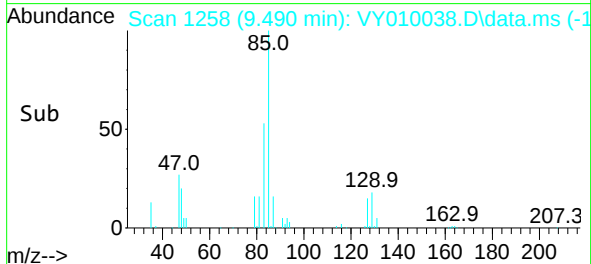
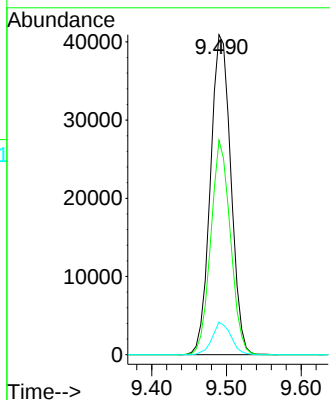
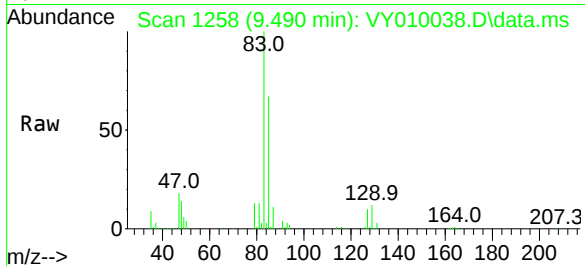




#47
Bromodichloromethane
Concen: 50.322 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

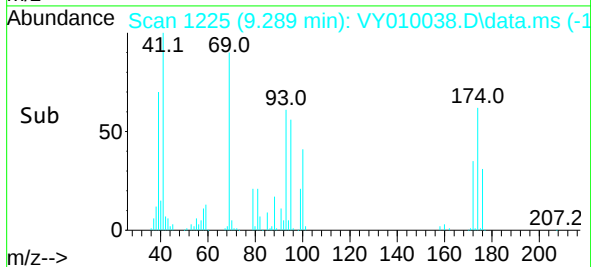
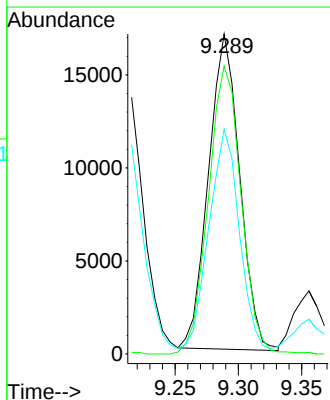
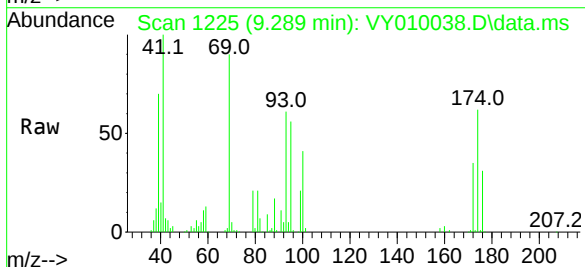
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

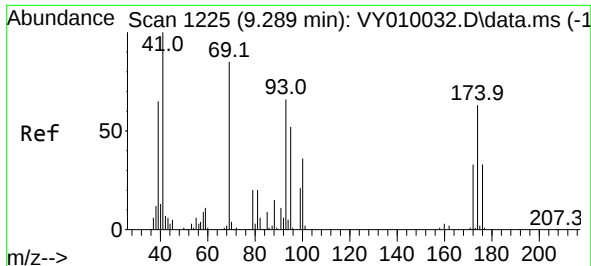
Tgt Ion: 83 Resp: 77781
Ion Ratio Lower Upper
83 100
85 67.0 50.4 75.6
127 10.2 6.8 10.2#



#48
Methyl methacrylate
Concen: 48.288 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 41 Resp: 29049
Ion Ratio Lower Upper
41 100
69 96.0 69.1 103.7
39 71.0 51.5 77.3





#49

1,4-Dioxane

Concen: 988.798 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVY081622

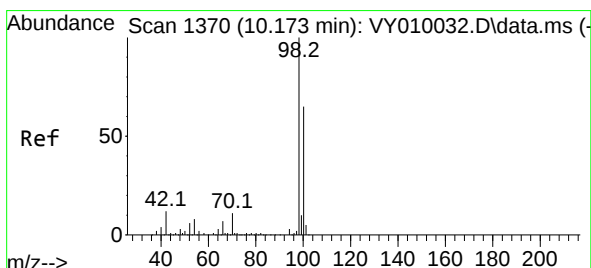
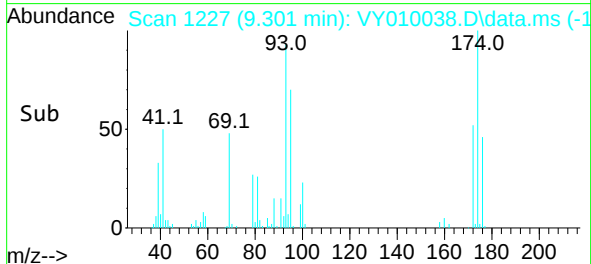
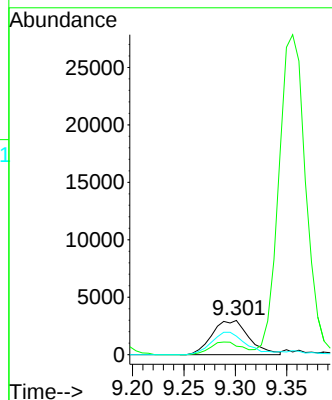
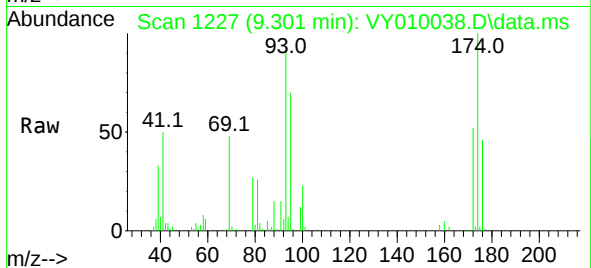
Tgt Ion: 88 Resp: 7457

Ion Ratio Lower Upper

88 100

43 31.1 28.2 42.4

58 60.8 47.2 70.8



#50

Toluene-d8

Concen: 48.007 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010038.D

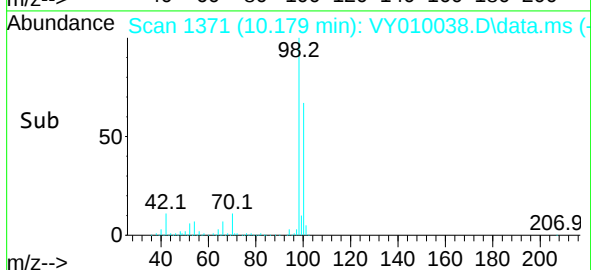
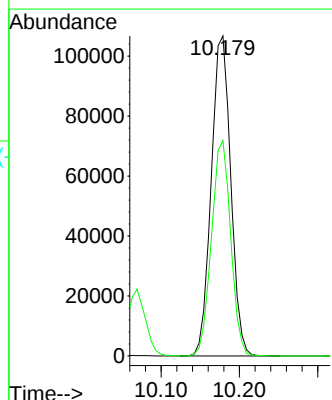
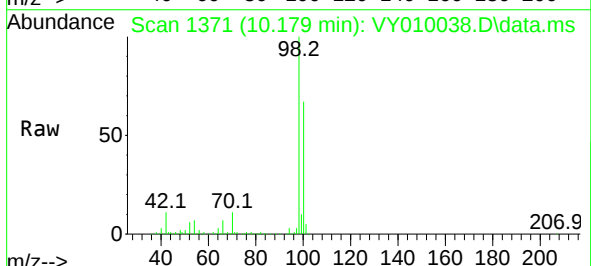
Acq: 16 Aug 2022 10:07

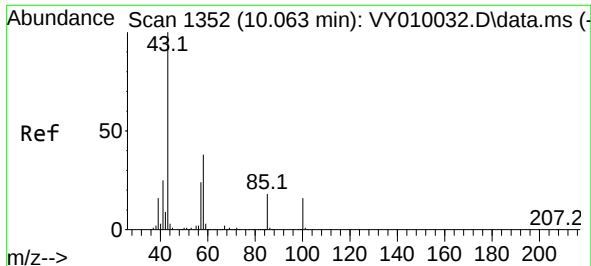
Tgt Ion: 98 Resp: 184417

Ion Ratio Lower Upper

98 100

100 66.5 52.1 78.1

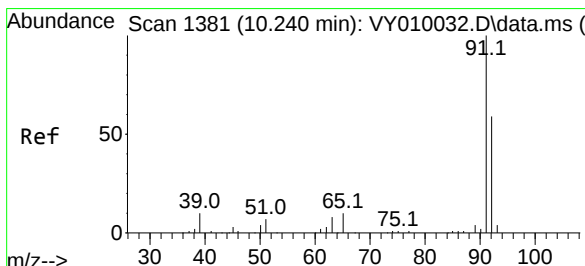
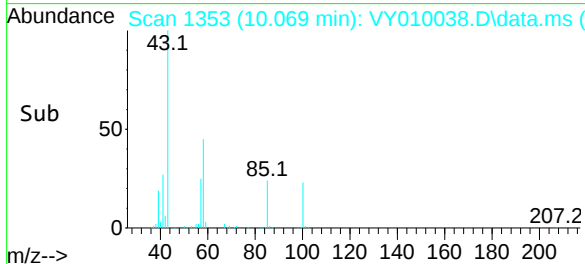
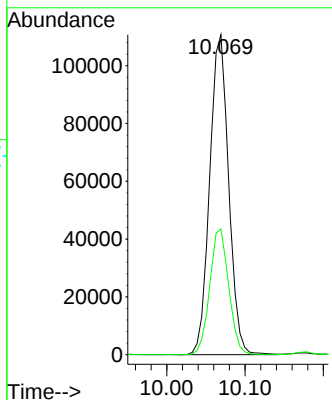
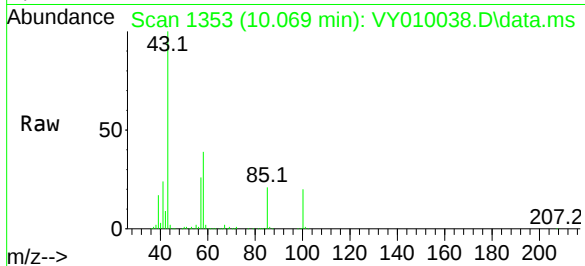




#51
4-Methyl-2-Pentanone
Concen: 244.189 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

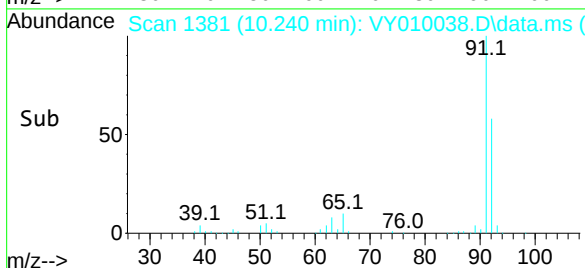
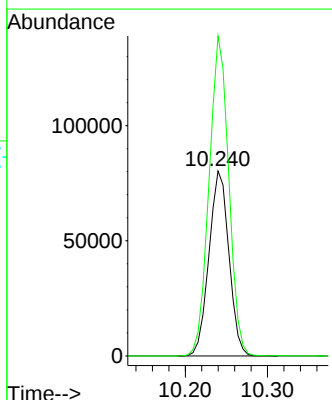
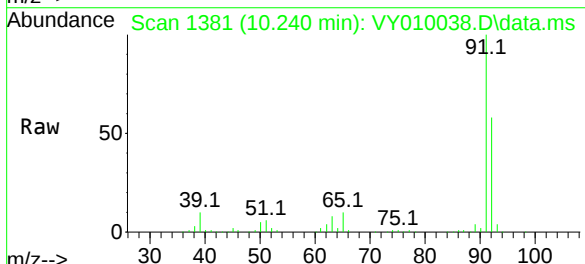
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

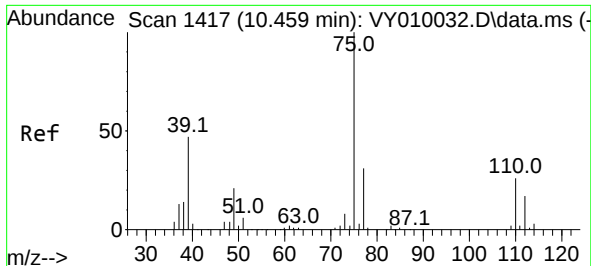
Tgt Ion: 43 Resp: 186263
Ion Ratio Lower Upper
43 100
58 39.3 29.8 44.8



#52
Toluene
Concen: 49.563 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 92 Resp: 135173
Ion Ratio Lower Upper
92 100
91 170.9 137.6 206.4

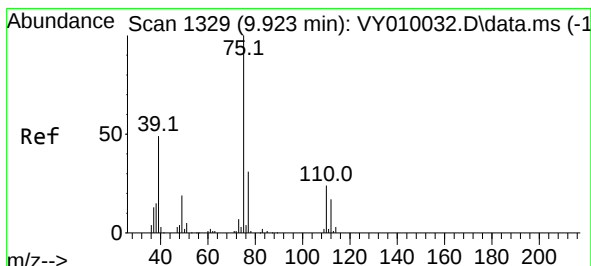
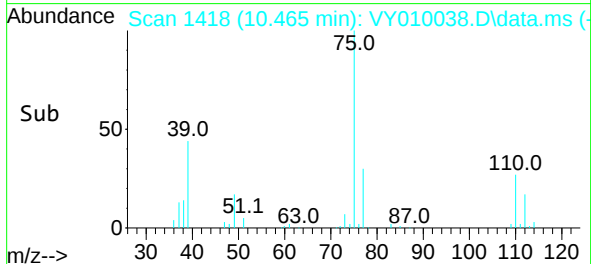
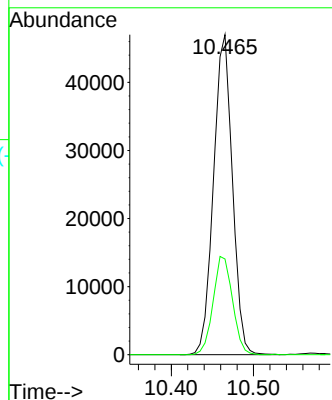
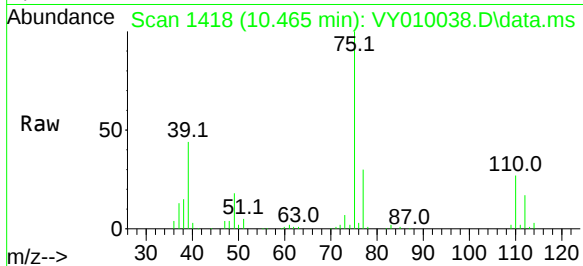




#53
 t-1,3-Dichloropropene
 Concen: 50.289 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

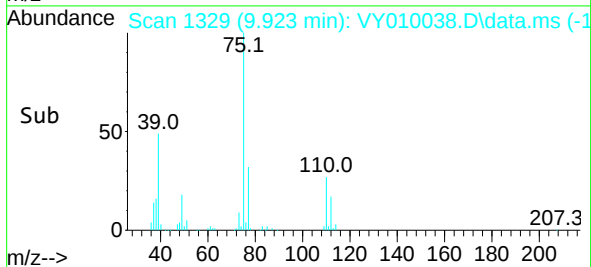
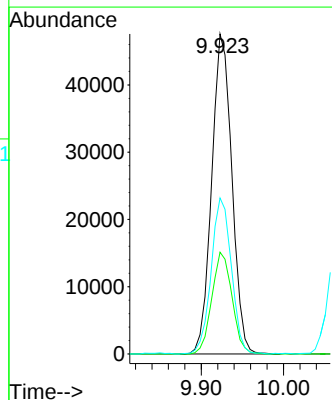
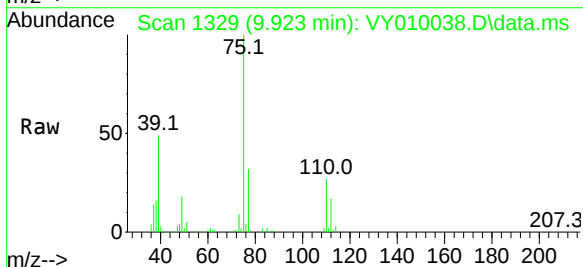
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081622

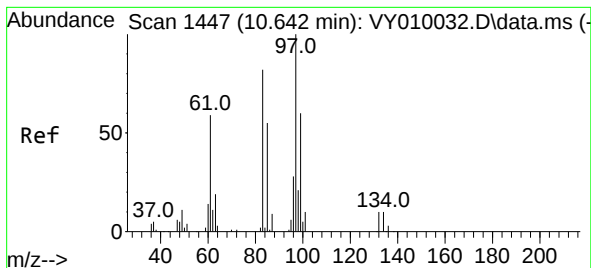
Tgt Ion: 75 Resp: 74858
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.889 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

Tgt Ion: 75 Resp: 81232
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0
 39 48.8 39.2 58.8

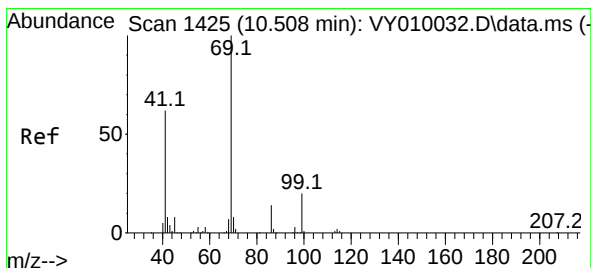
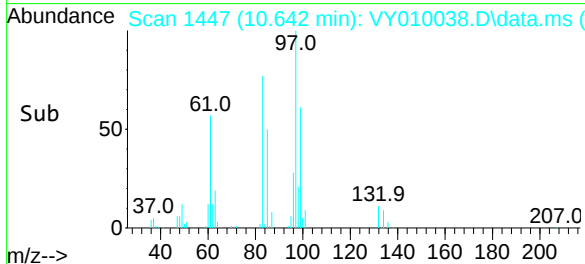
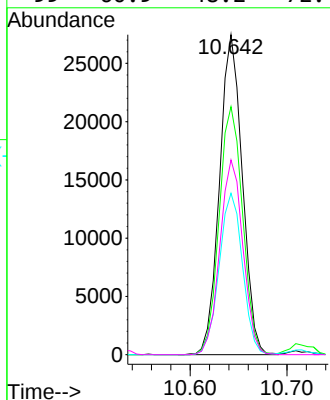
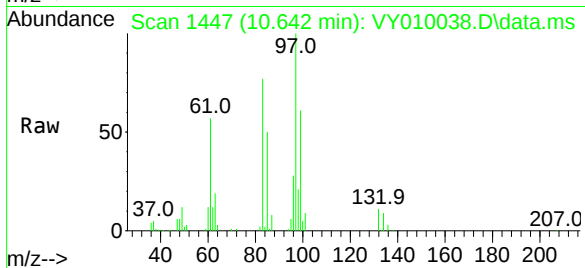




#55
1,1,2-Trichloroethane
Concen: 50.765 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

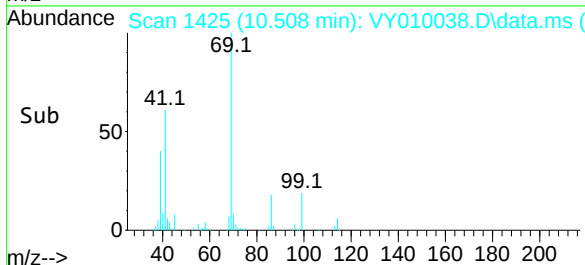
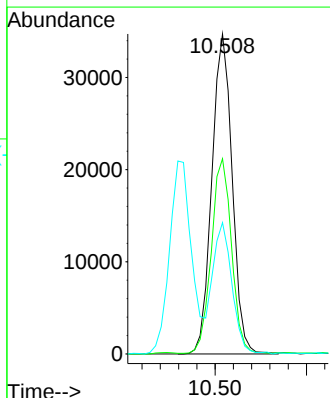
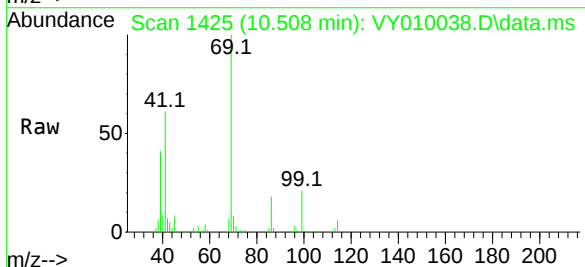
Instrument :
MSVOA_Y
ClientSampleId :
ICVY081622

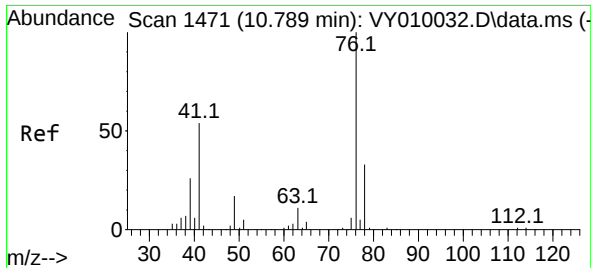
Tgt Ion:	97	Resp:	44932
Ion	Ratio	Lower	Upper
97	100		
83	77.5	65.9	98.9
85	50.5	44.2	66.2
99	60.9	48.2	72.4



#56
Ethyl methacrylate
Concen: 52.371 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion:	69	Resp:	53573
Ion	Ratio	Lower	Upper
69	100		
41	60.4	52.8	79.2
39	38.3	32.4	48.6

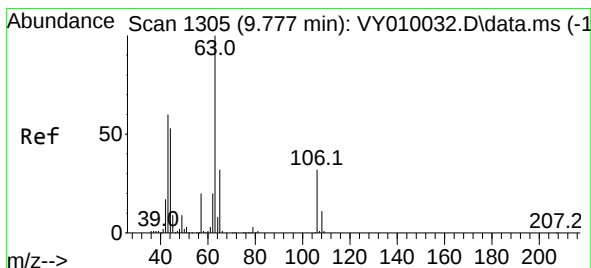
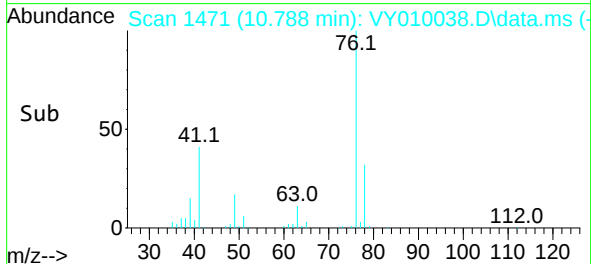
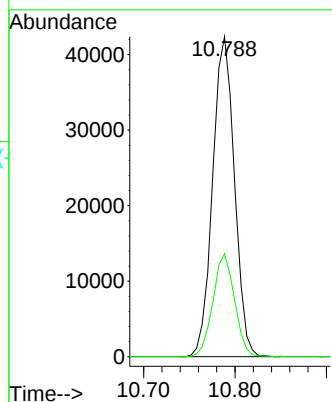
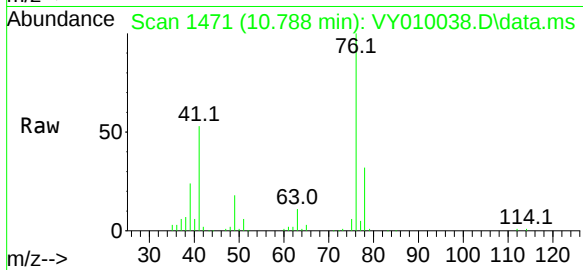




#57
1,3-Dichloropropane
Concen: 49.497 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

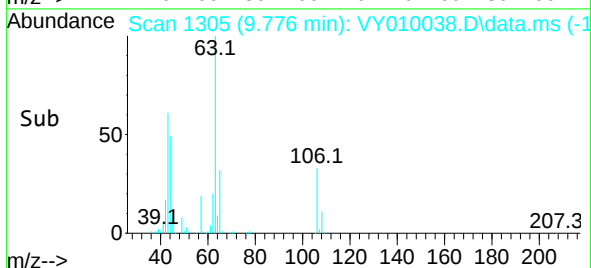
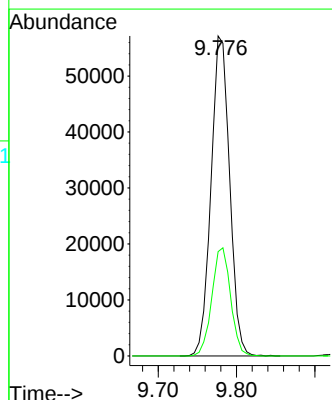
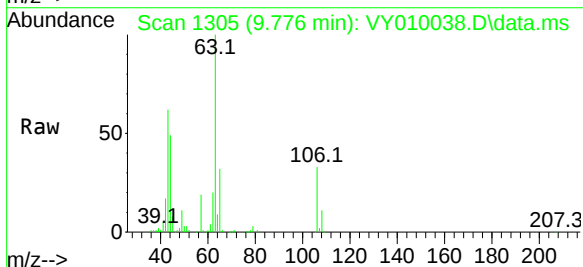
Instrument : MSVOA_Y
ClientSampleId : ICVVY081622

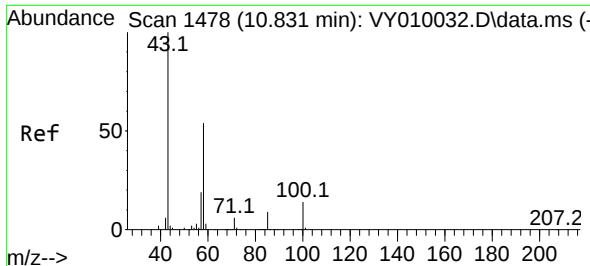
Tgt Ion: 76 Resp: 70135
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 212.882 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 63 Resp: 94242
Ion Ratio Lower Upper
63 100
106 34.1 25.7 38.5

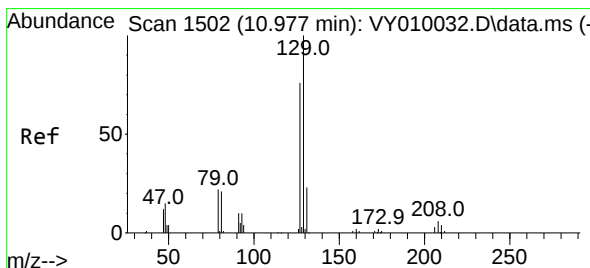
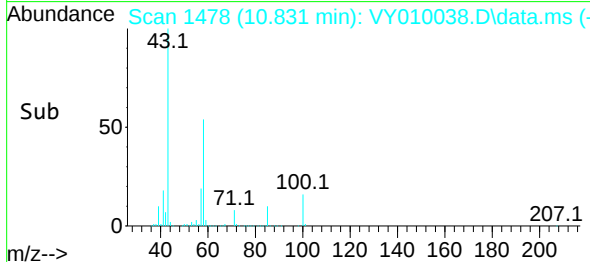
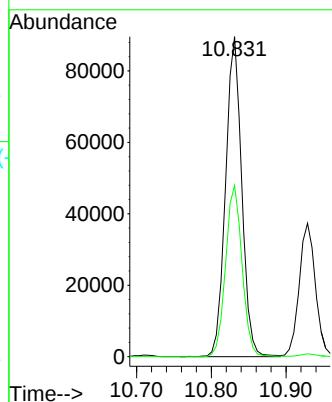
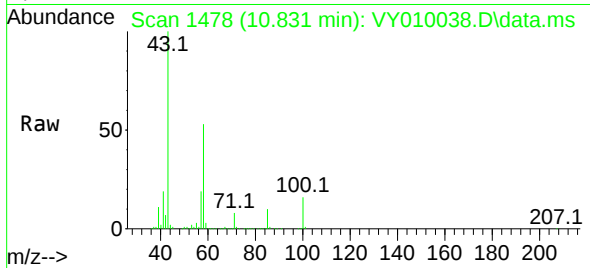




#59
2-Hexanone
Concen: 228.140 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

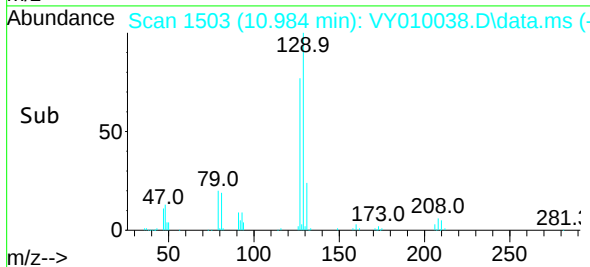
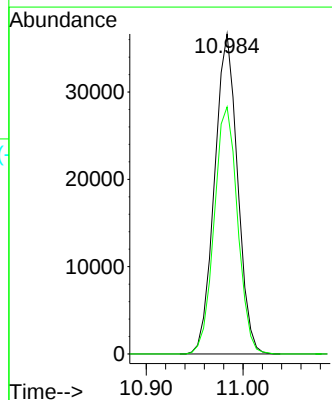
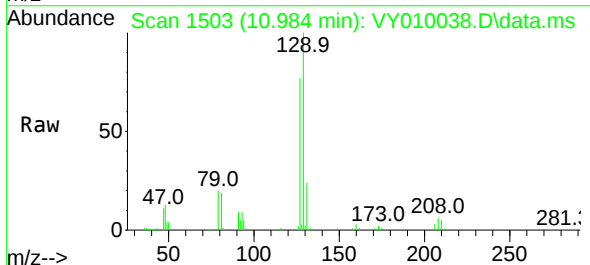
Instrument :
MSVOA_Y
ClientSampleId :
ICVY081622

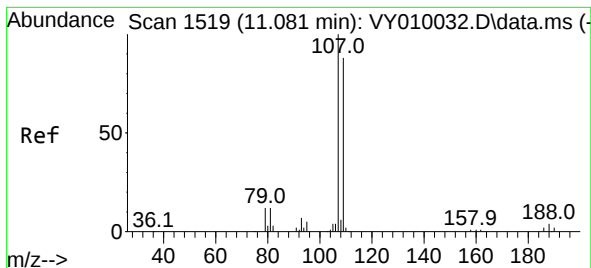
Tgt Ion: 43 Resp: 135047
Ion Ratio Lower Upper
43 100
58 54.4 26.3 78.9



#60
Dibromochloromethane
Concen: 51.574 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 129 Resp: 60462
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.622 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

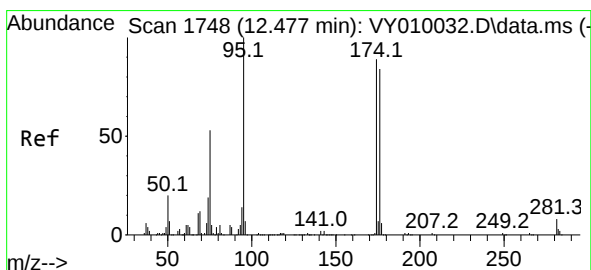
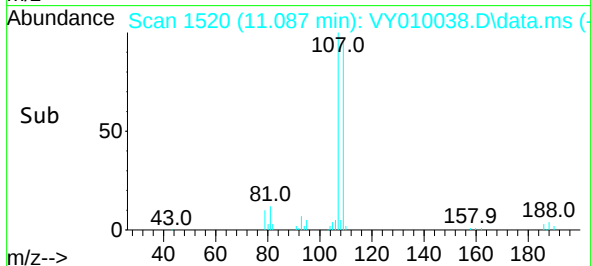
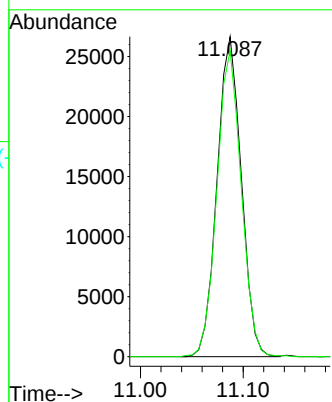
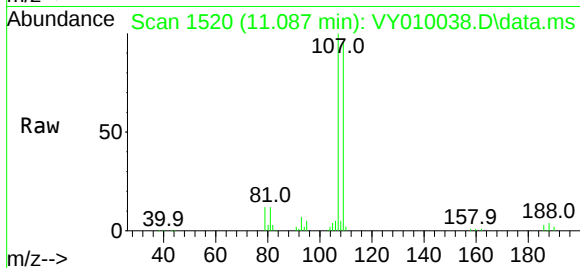
ICVY081622

Tgt Ion:107 Resp: 43665

Ion Ratio Lower Upper

107 100

109 96.2 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 49.015 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

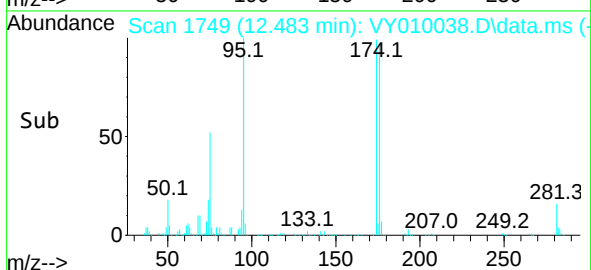
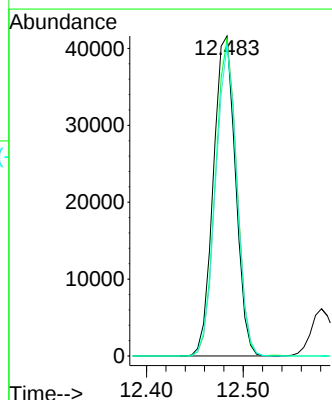
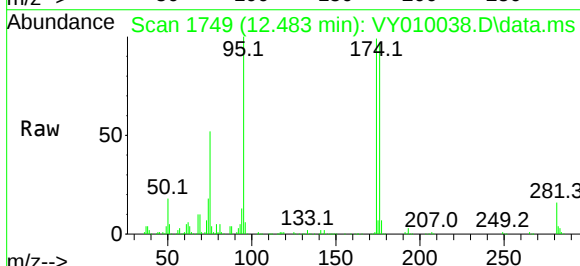
Tgt Ion: 95 Resp: 66134

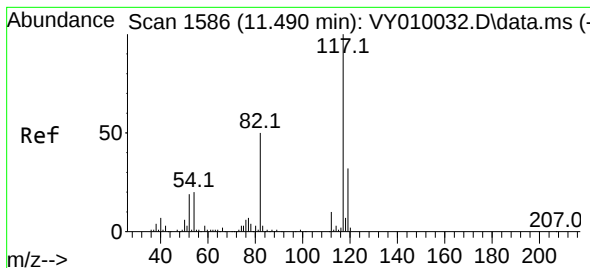
Ion Ratio Lower Upper

95 100

174 95.8 0.0 184.2

176 93.1 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY081622

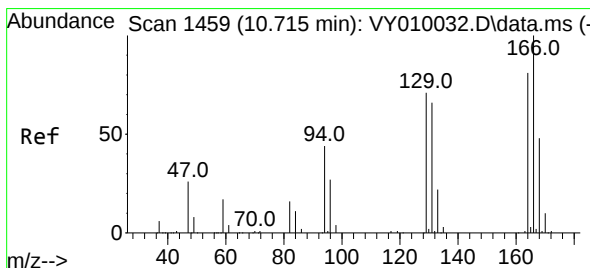
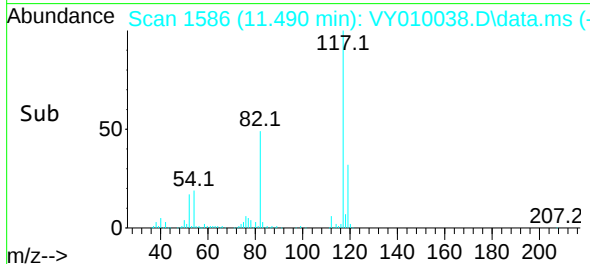
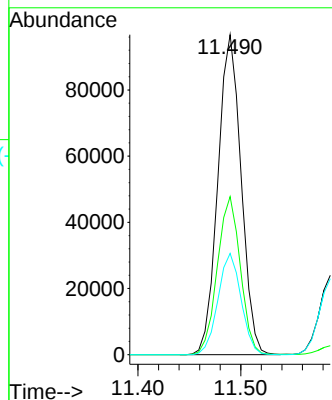
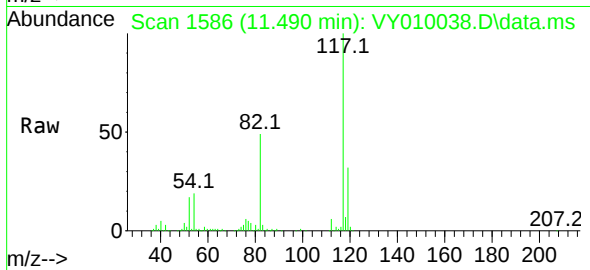
Tgt Ion:117 Resp: 151971

Ion Ratio Lower Upper

117 100

82 49.4 39.8 59.6

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 50.254 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Tgt Ion:164 Resp: 65214

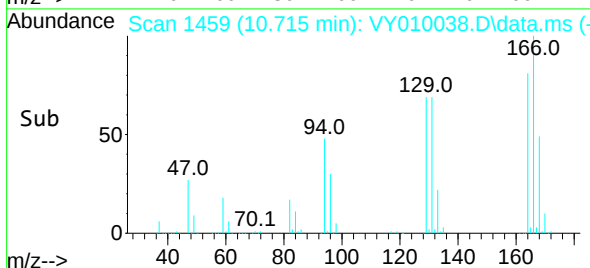
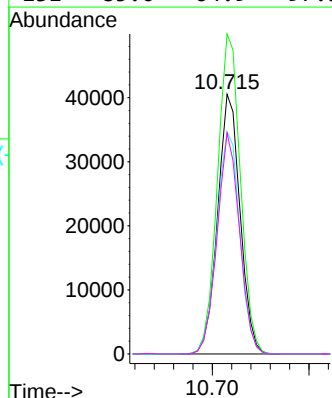
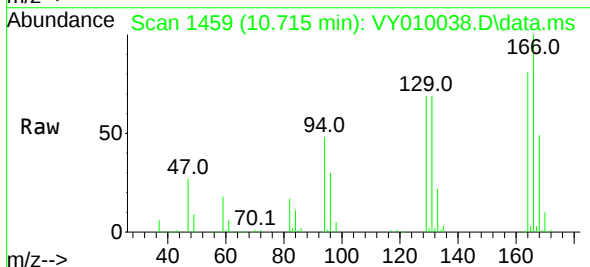
Ion Ratio Lower Upper

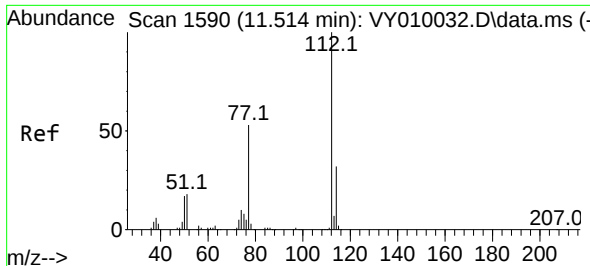
164 100

166 123.2 98.8 148.2

129 85.6 70.1 105.1

131 85.0 64.9 97.3

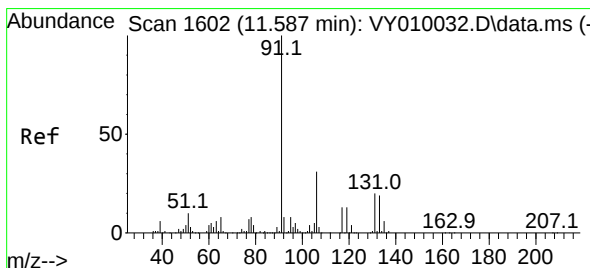
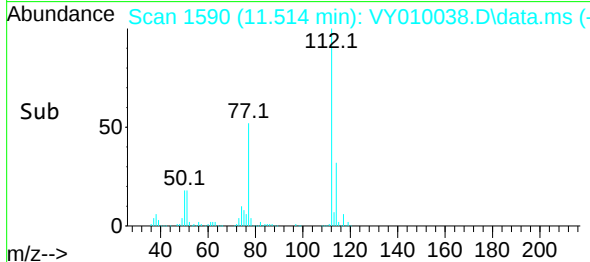
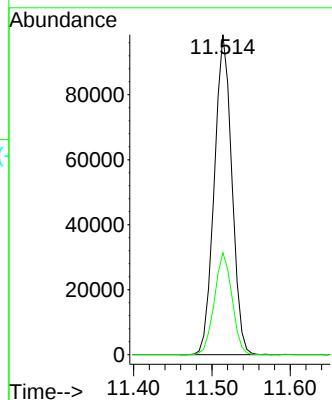
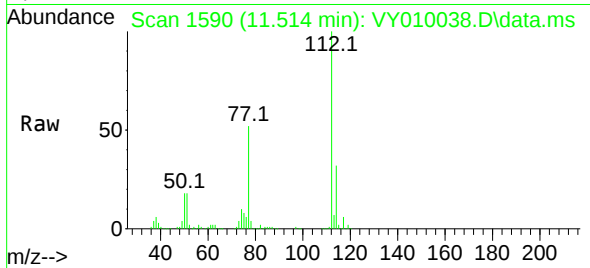




#65
Chlorobenzene
Concen: 48.373 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

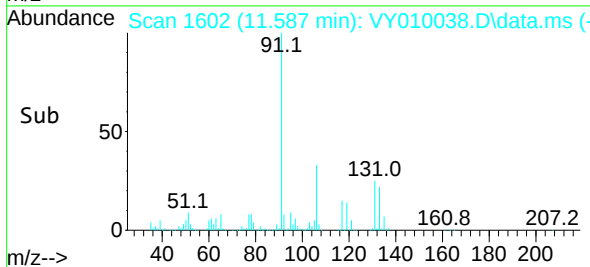
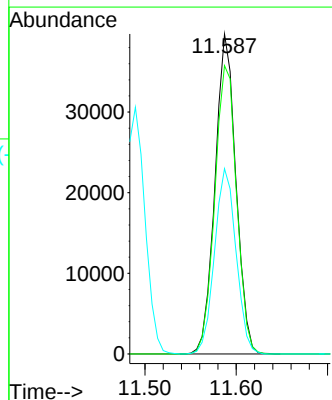
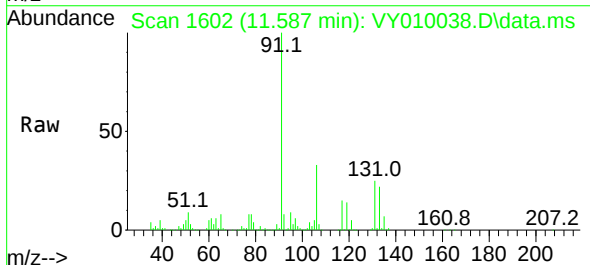
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

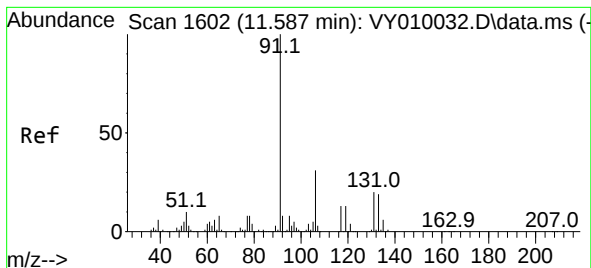
Tgt Ion:112 Resp: 153238
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.184 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion:131 Resp: 62992
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.0
119 59.6 30.9 92.7





#67

Ethyl Benzene

Concen: 49.713 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

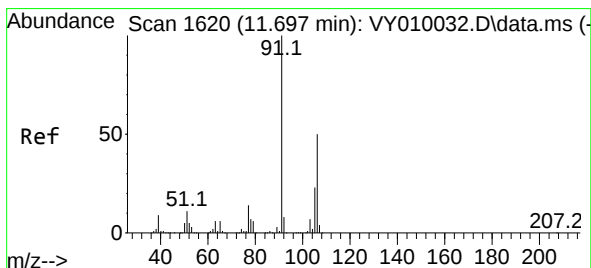
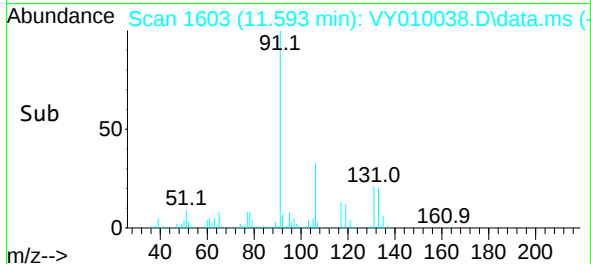
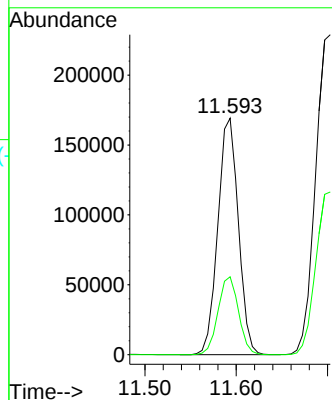
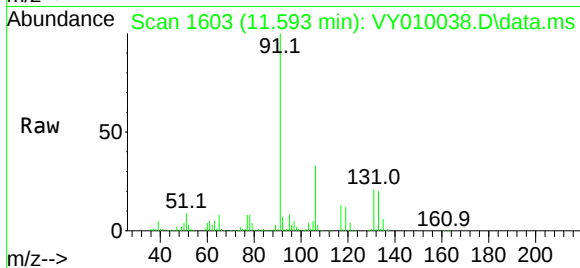
ICVY081622

Tgt Ion: 91 Resp: 264036

Ion Ratio Lower Upper

91 100

106 33.0 24.8 37.2



#68

m/p-Xylenes

Concen: 103.596 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010038.D

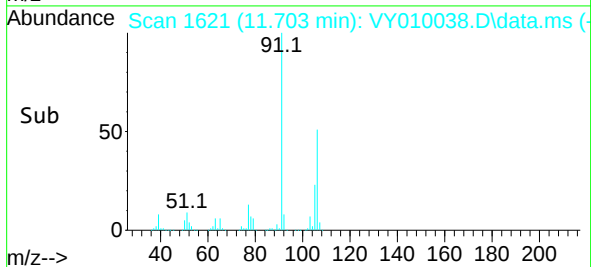
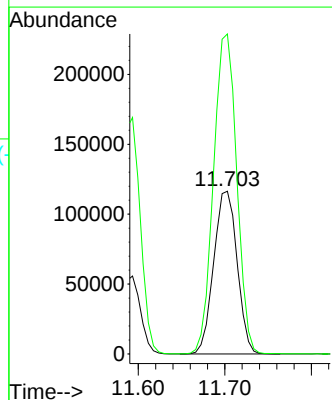
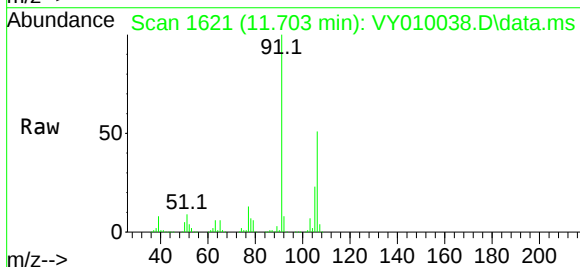
Acq: 16 Aug 2022 10:07

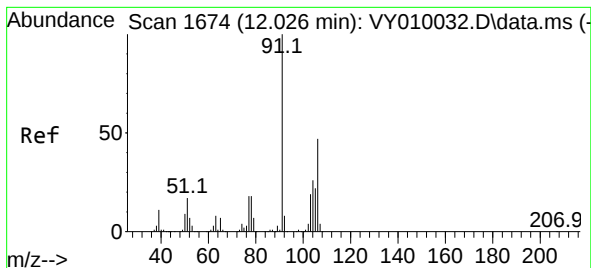
Tgt Ion:106 Resp: 218574

Ion Ratio Lower Upper

106 100

91 195.2 158.2 237.2





#69

o-Xylene

Concen: 51.952 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

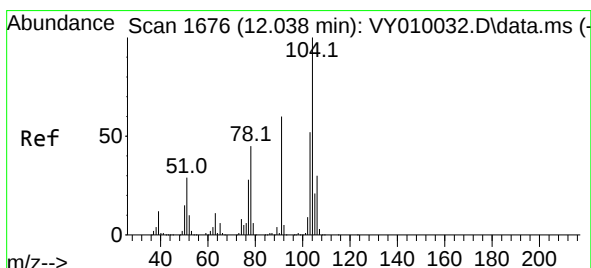
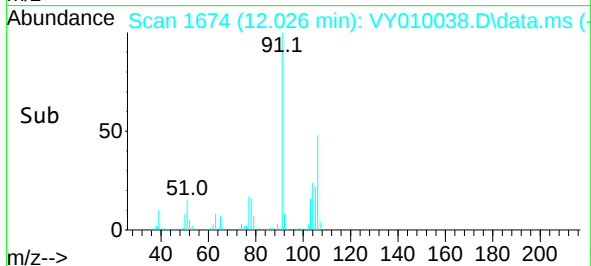
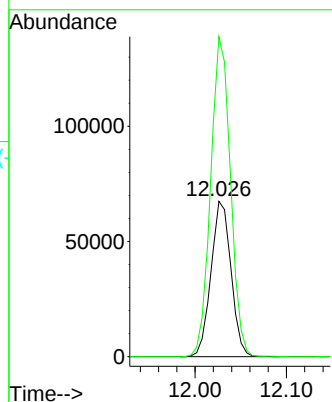
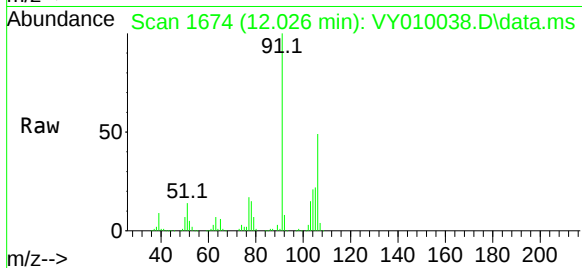
ICVVY081622

Tgt Ion:106 Resp: 102401

Ion Ratio Lower Upper

106 100

91 204.3 104.6 313.7



#70

Styrene

Concen: 51.587 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

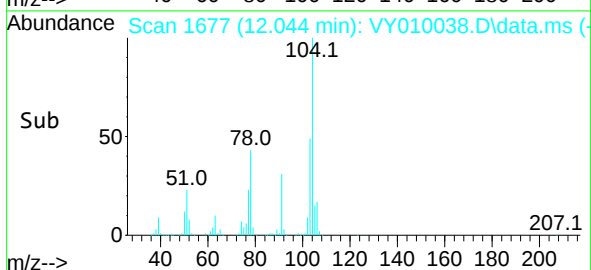
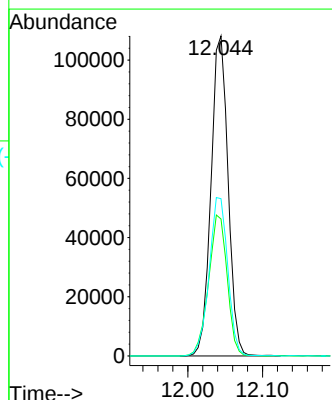
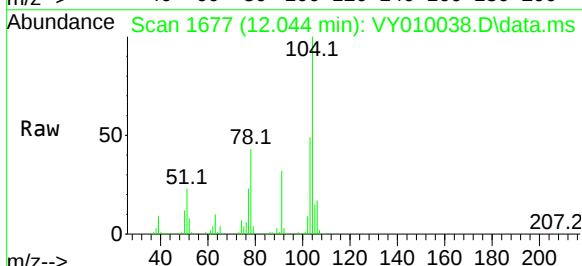
Tgt Ion:104 Resp: 171587

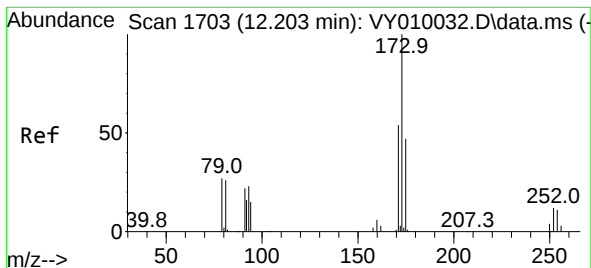
Ion Ratio Lower Upper

104 100

78 47.9 38.2 57.4

103 54.2 44.0 66.0





#71

Bromoform

Concen: 52.878 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVY081622

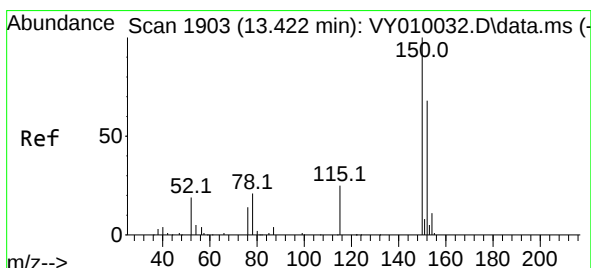
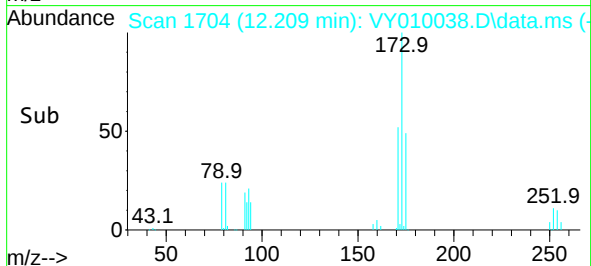
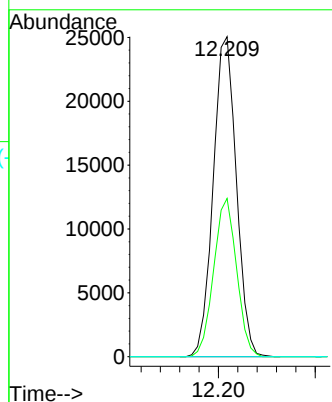
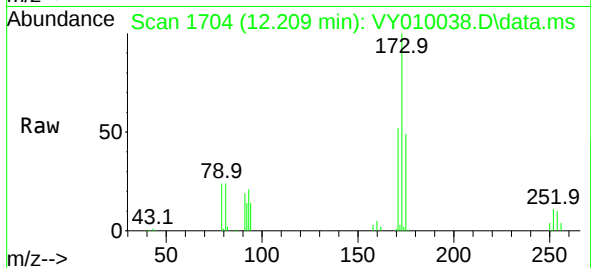
Tgt Ion:173 Resp: 41582

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

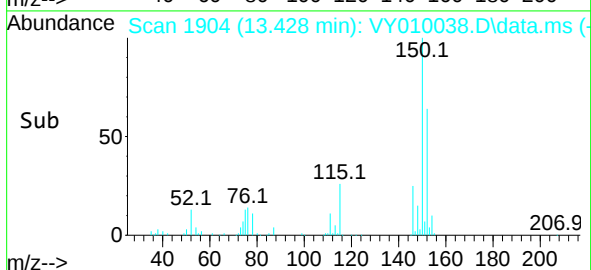
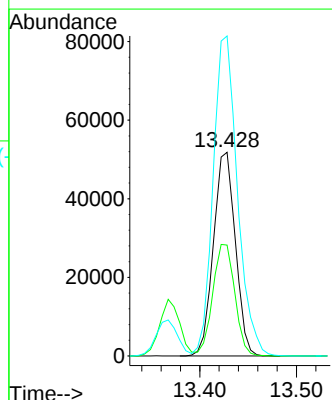
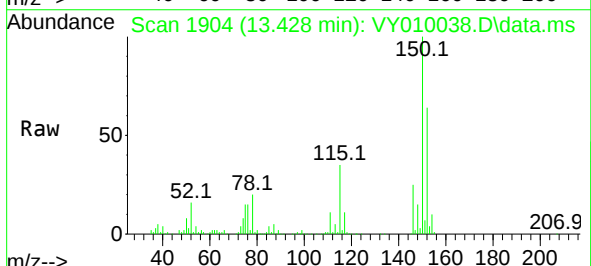
Tgt Ion:152 Resp: 81622

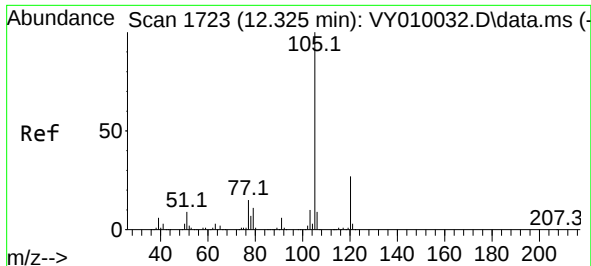
Ion Ratio Lower Upper

152 100

115 54.8 28.1 84.3

150 174.0 0.0 346.6

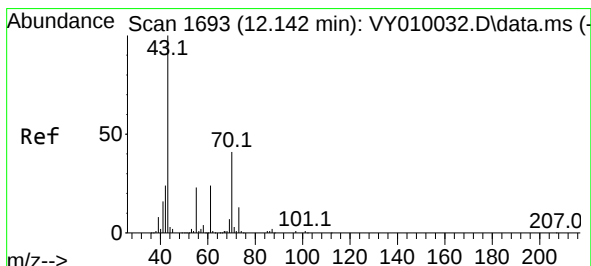
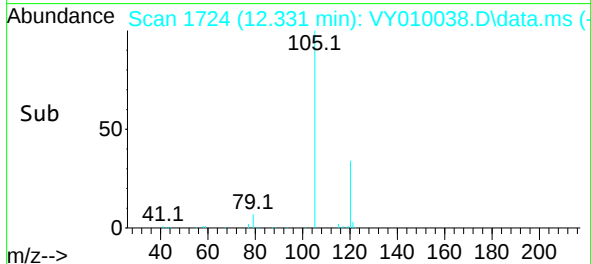
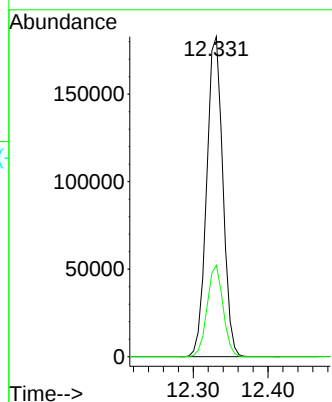
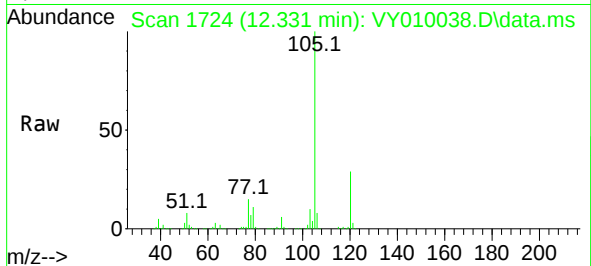




#73
Isopropylbenzene
Concen: 53.691 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

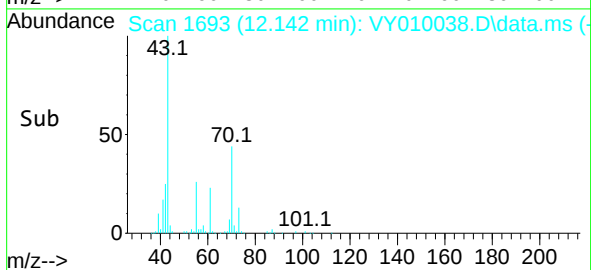
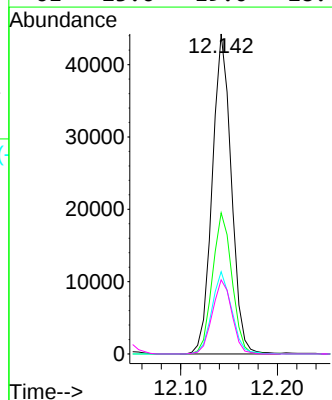
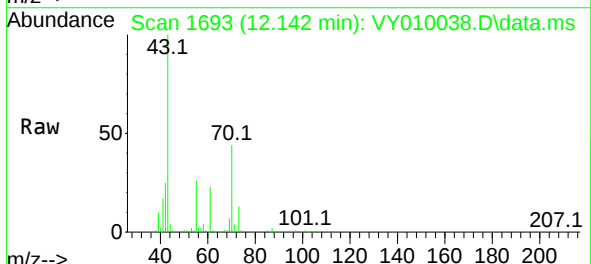
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

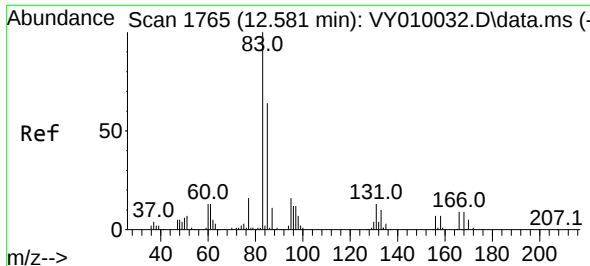
Tgt Ion:105 Resp: 273911
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.4



#74
N-amy1 acetate
Concen: 42.651 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 43 Resp: 60477
Ion Ratio Lower Upper
43 100
70 45.1 32.3 48.5
55 26.6 19.3 28.9
61 23.6 19.0 28.4

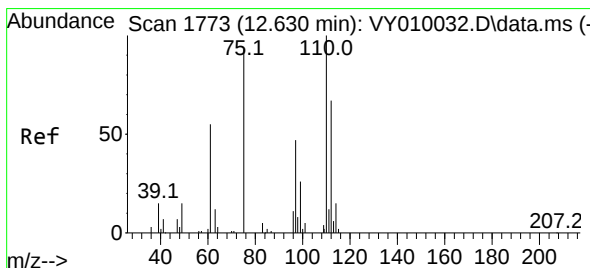
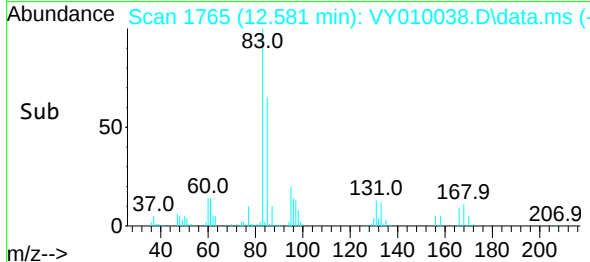
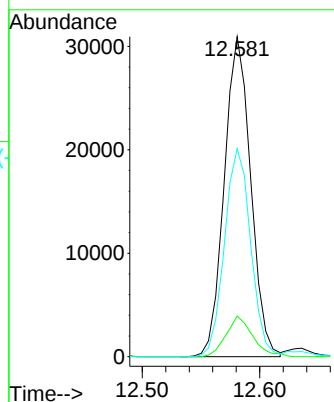
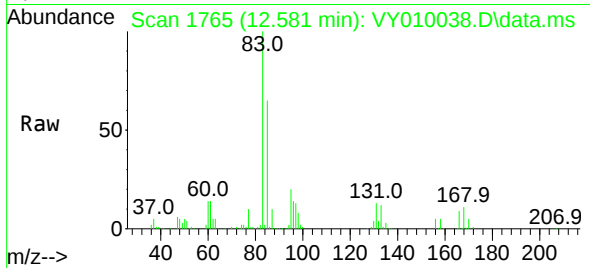




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.678 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

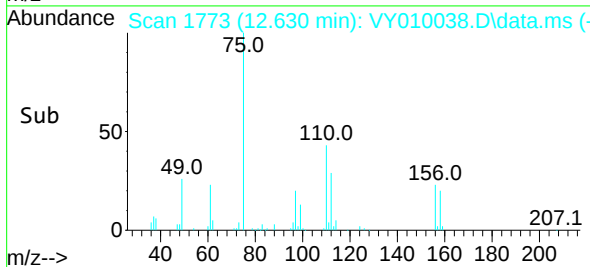
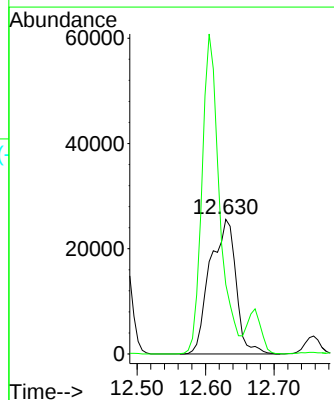
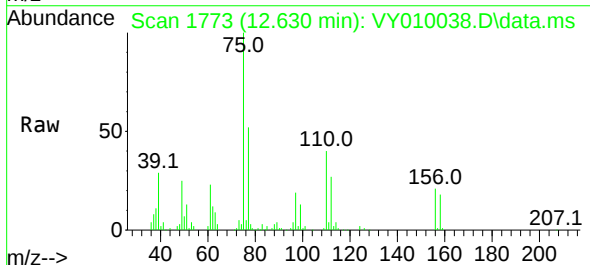
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081622

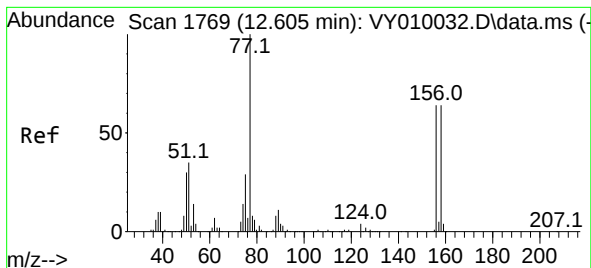
Tgt Ion: 83 Resp: 48354
 Ion Ratio Lower Upper
 83 100
 131 12.8 5.8 17.3
 85 64.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 87.081 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

Tgt Ion: 75 Resp: 67374
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.947 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY081622

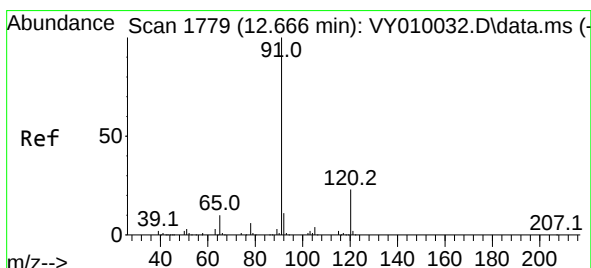
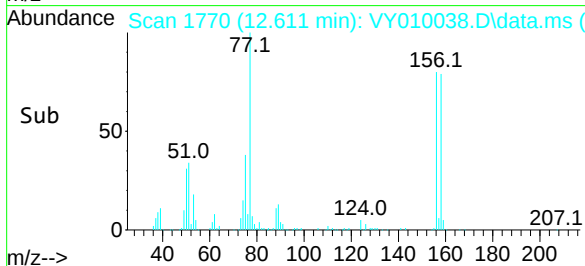
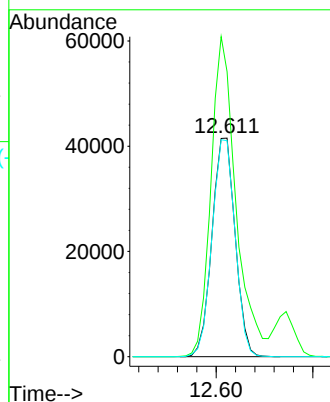
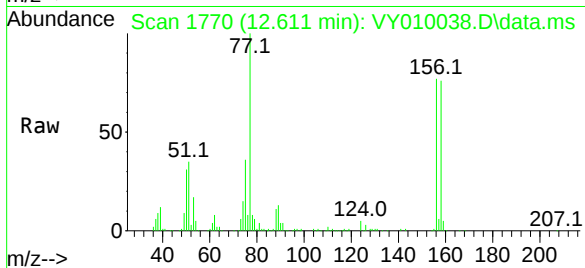
Tgt Ion:156 Resp: 69050

Ion Ratio Lower Upper

156 100

77 158.5 85.9 257.6

158 98.8 48.9 146.8



#78

n-propylbenzene

Concen: 49.831 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY010038.D

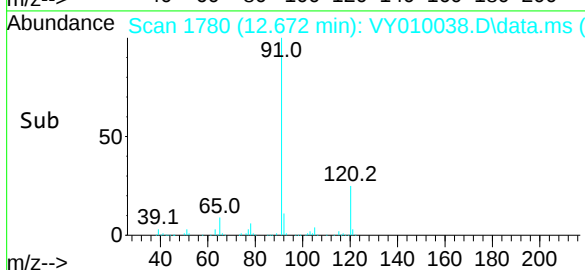
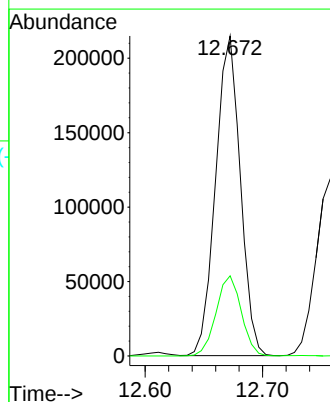
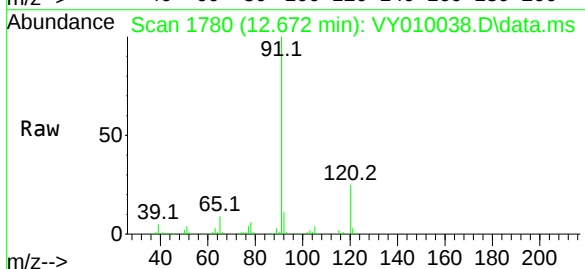
Acq: 16 Aug 2022 10:07

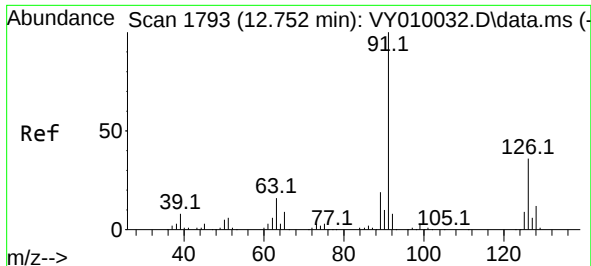
Tgt Ion: 91 Resp: 313411

Ion Ratio Lower Upper

91 100

120 25.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 49.892 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

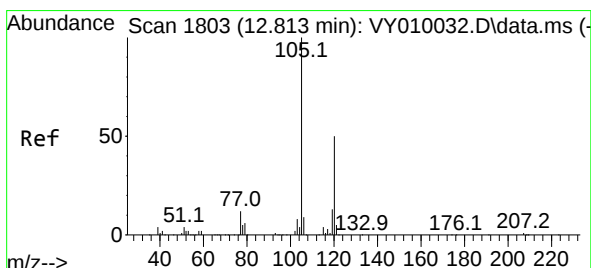
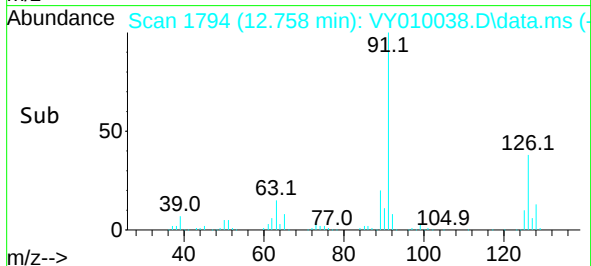
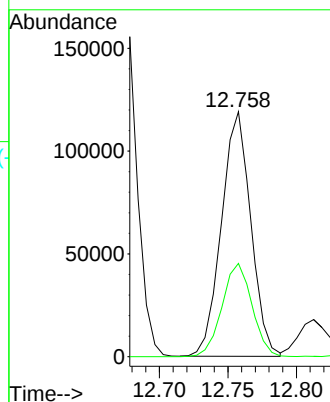
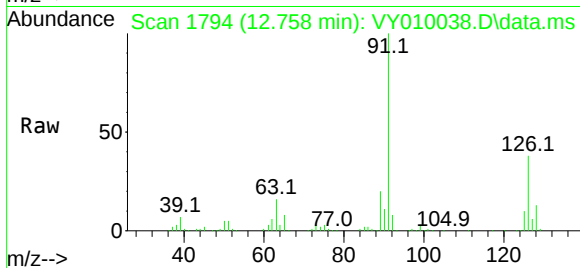
ICVY081622

Tgt Ion: 91 Resp: 177451

Ion Ratio Lower Upper

91 100

126 38.8 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 51.673 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010038.D

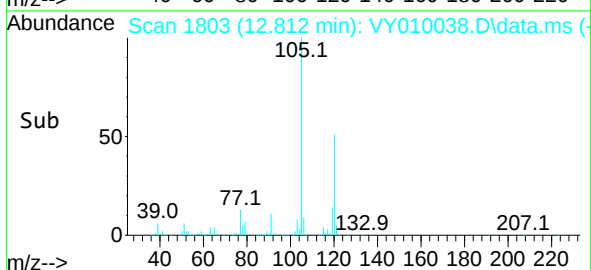
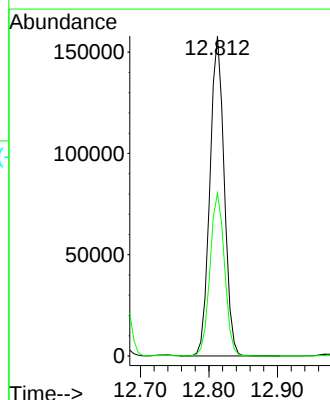
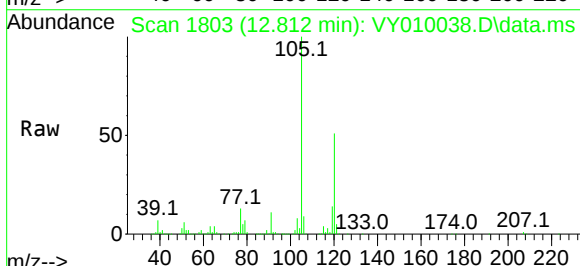
Acq: 16 Aug 2022 10:07

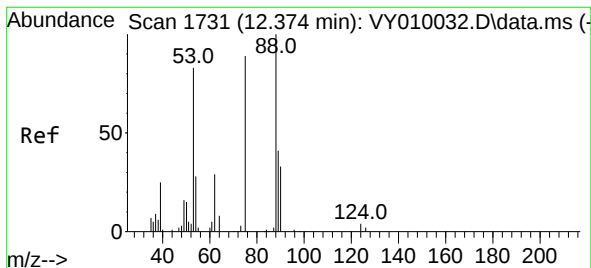
Tgt Ion:105 Resp: 229652

Ion Ratio Lower Upper

105 100

120 51.6 25.0 75.0

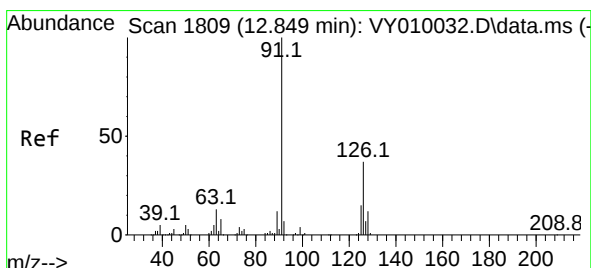
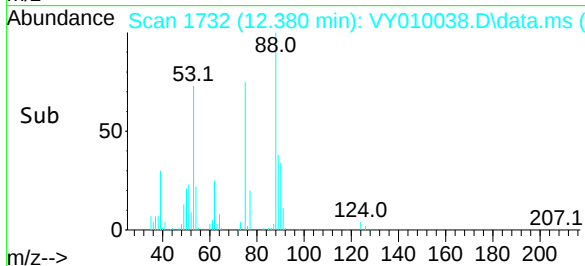
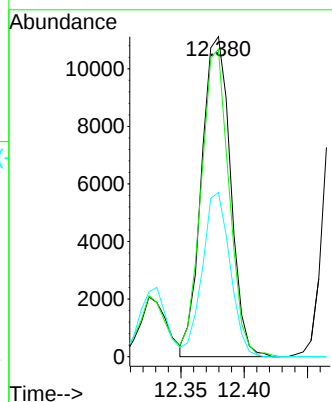
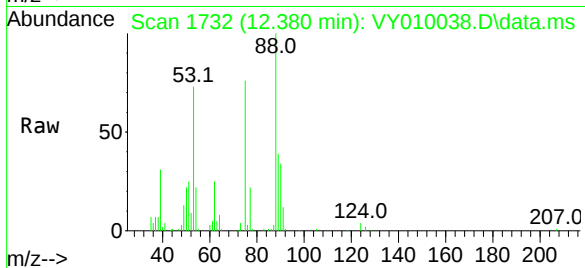




#81
trans-1,4-Dichloro-2-butene
Concen: 51.691 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

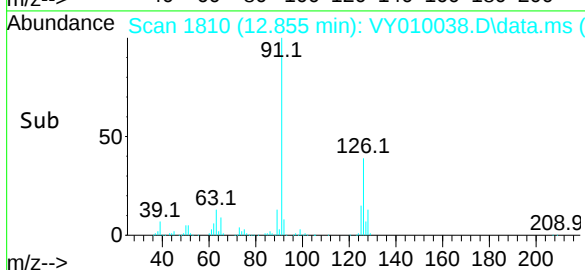
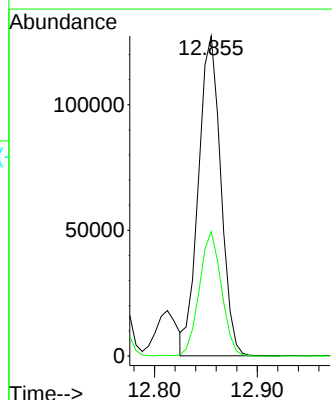
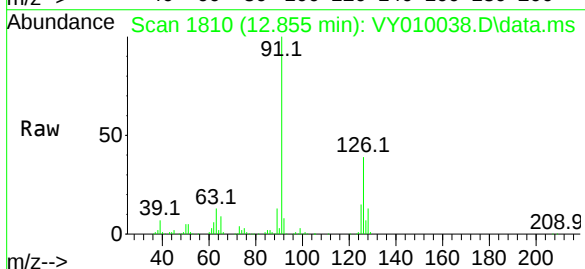
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081622

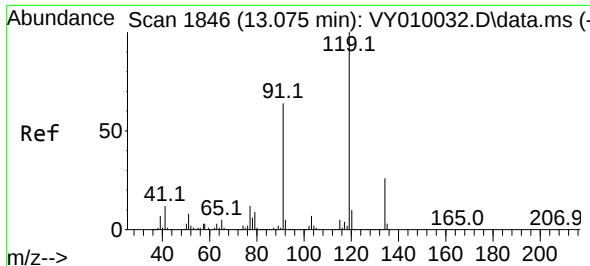
Tgt Ion: 75 Resp: 17697
Ion Ratio Lower Upper
75 100
53 92.7 74.2 111.4
89 49.3 37.8 56.6



#82
4-Chlorotoluene
Concen: 51.666 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 91 Resp: 192230
Ion Ratio Lower Upper
91 100
126 38.4 18.3 54.9

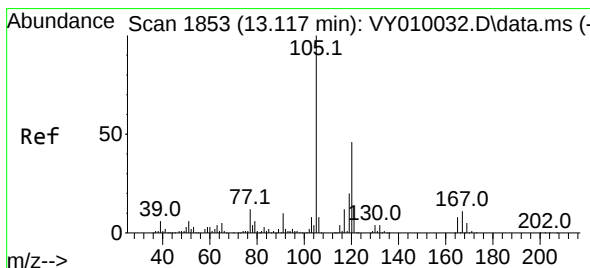
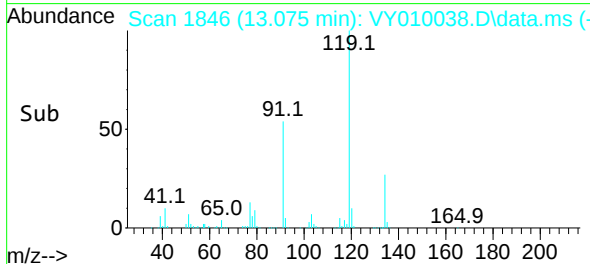
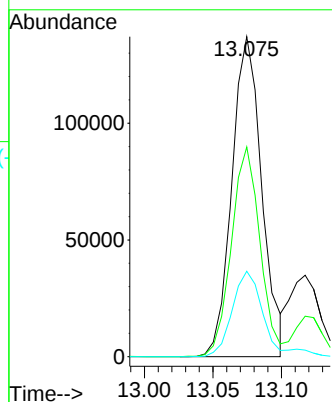
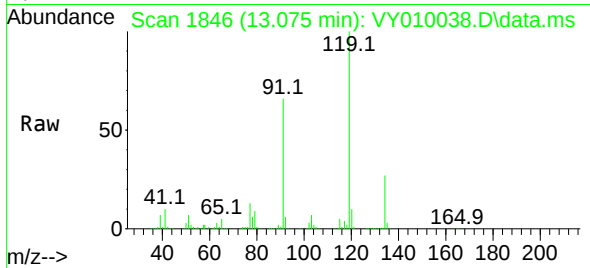




#83
tert-Butylbenzene
Concen: 53.390 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

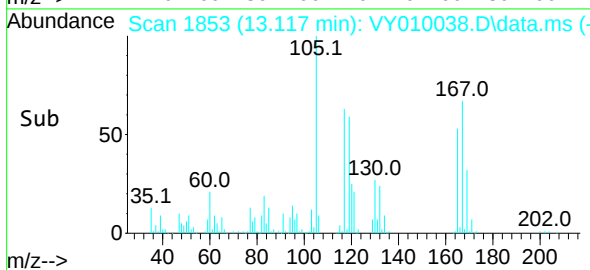
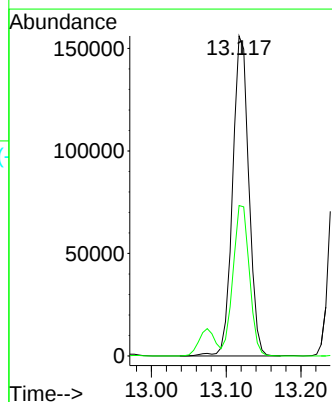
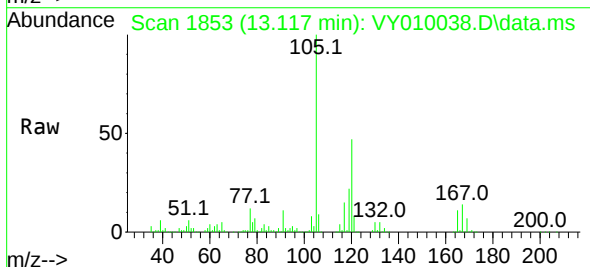
Instrument : MSVOA_Y
ClientSampleId : ICVVY081622

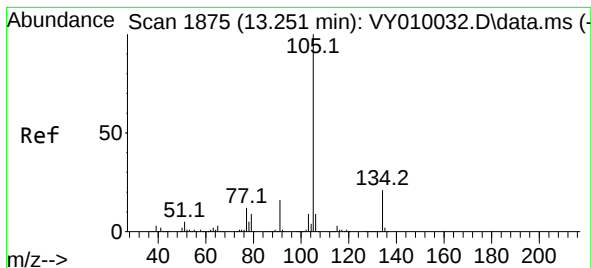
Tgt Ion:119 Resp: 208500
Ion Ratio Lower Upper
119 100
91 62.5 31.6 94.7
134 28.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 53.993 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion:105 Resp: 235608
Ion Ratio Lower Upper
105 100
120 47.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.485 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

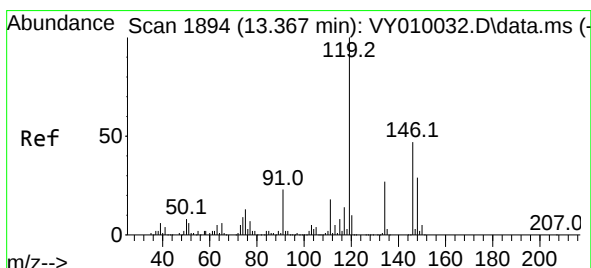
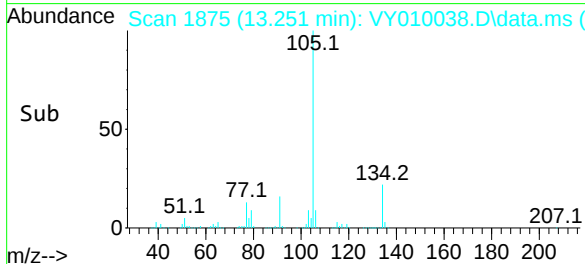
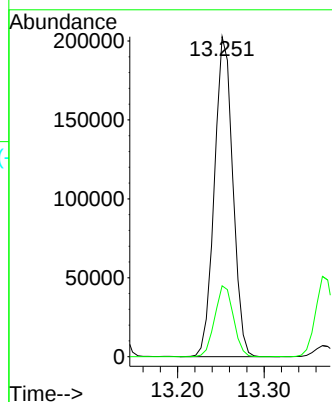
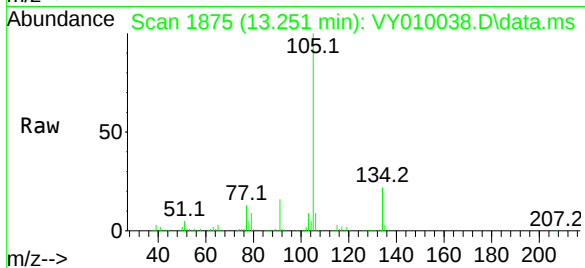
ICVY081622

Tgt Ion:105 Resp: 299380

Ion Ratio Lower Upper

105 100

134 22.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 53.049 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

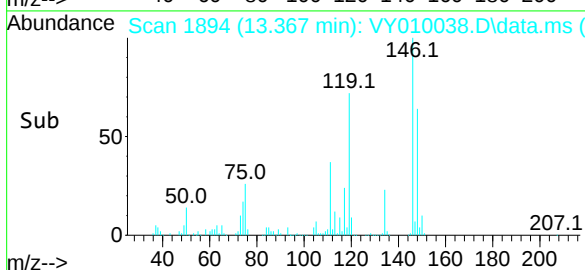
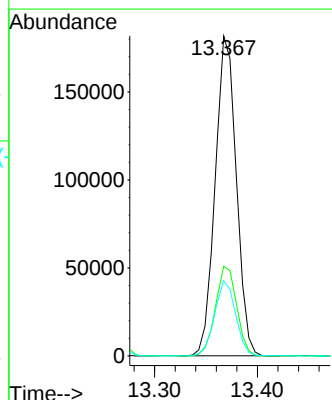
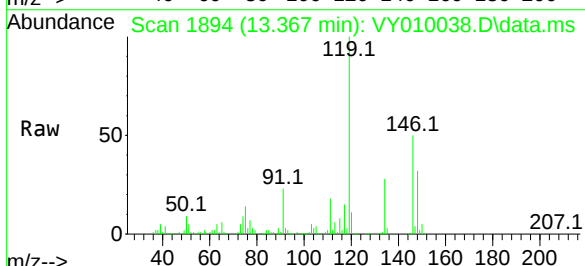
Tgt Ion:119 Resp: 259339

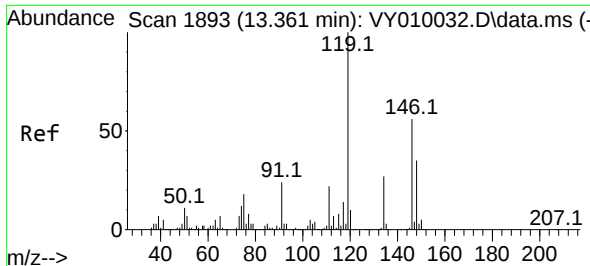
Ion Ratio Lower Upper

119 100

134 28.2 13.8 41.3

91 23.3 11.7 35.0

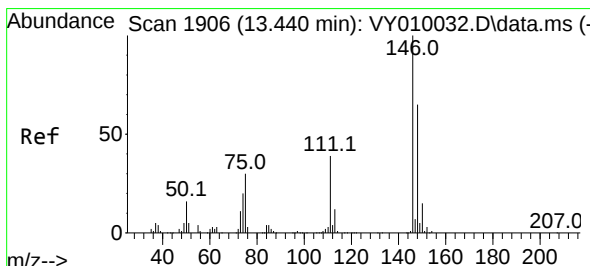
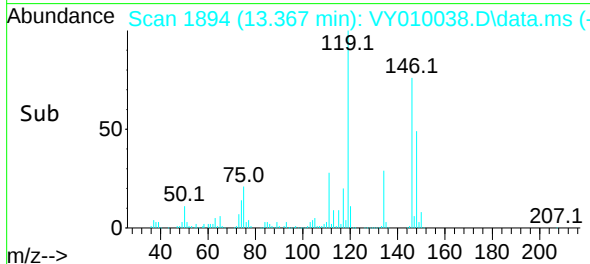
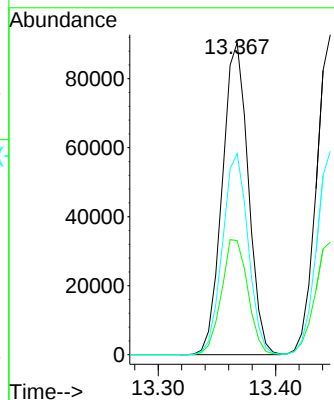
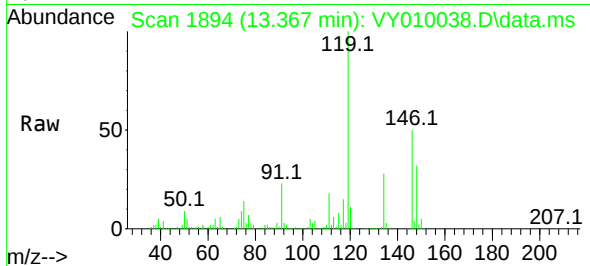




#87
 1,3-Dichlorobenzene
 Concen: 50.383 ug/l
 RT: 13.367 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

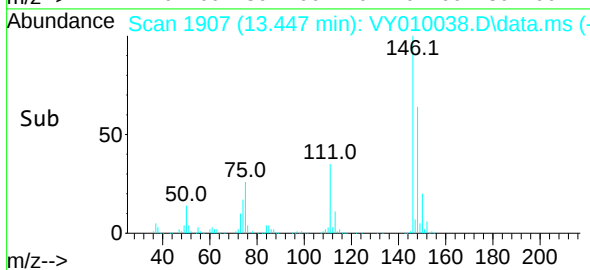
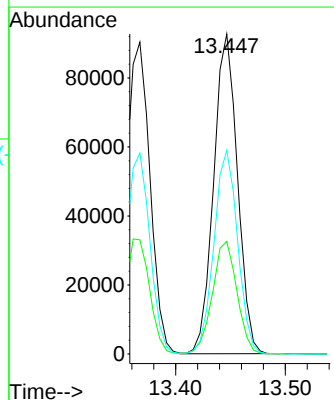
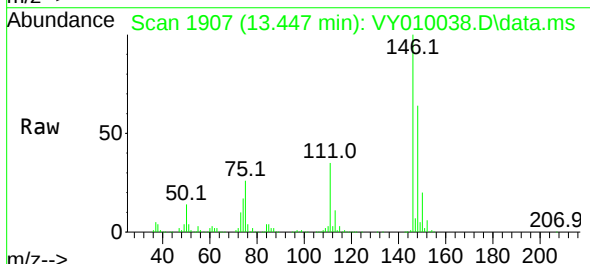
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081622

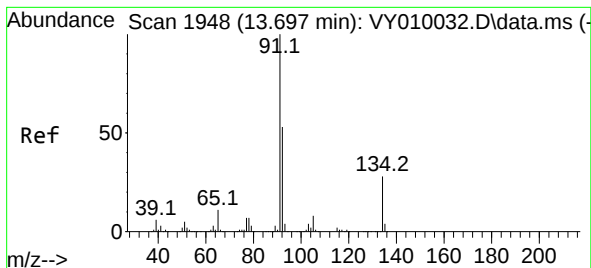
Tgt Ion:146 Resp: 139050
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.2 57.6
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.154 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.007 min
 Lab File: VY010038.D
 Acq: 16 Aug 2022 10:07

Tgt Ion:146 Resp: 139741
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.1 57.1
 148 63.7 32.3 96.9





#89

n-Butylbenzene

Concen: 52.412 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVY081622

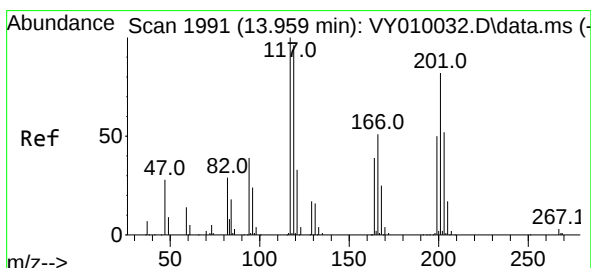
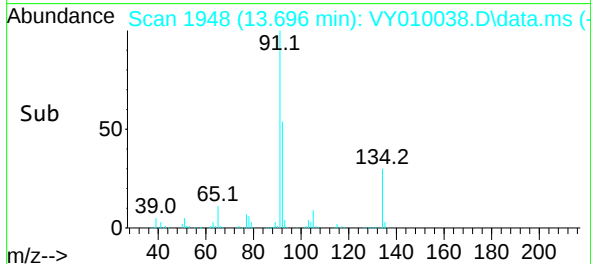
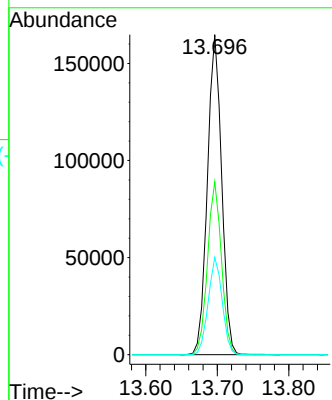
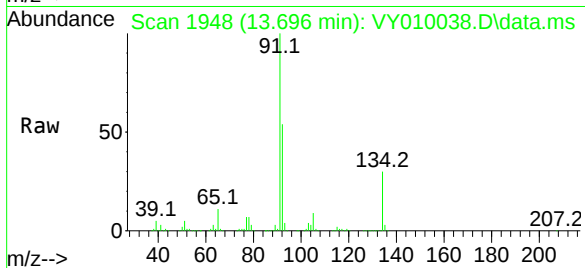
Tgt Ion: 91 Resp: 228277

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 29.8 13.6 40.8



#90

Hexachloroethane

Concen: 49.235 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY010038.D

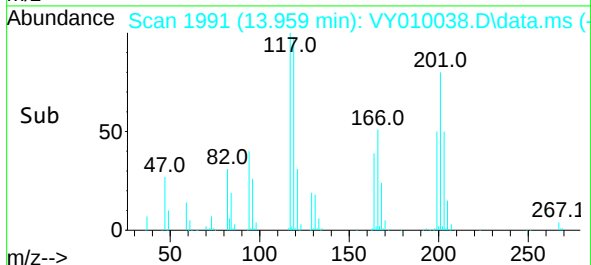
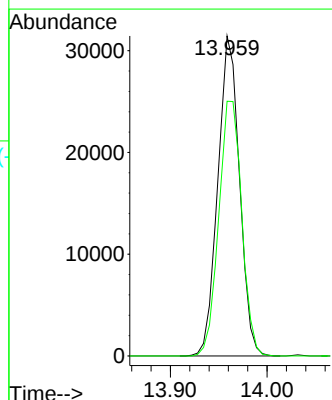
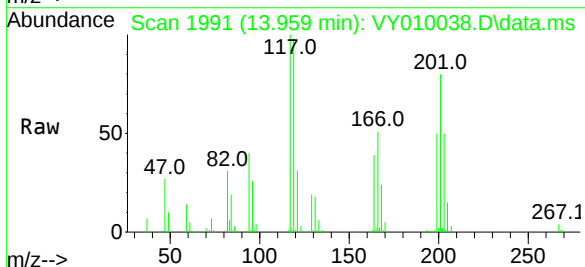
Acq: 16 Aug 2022 10:07

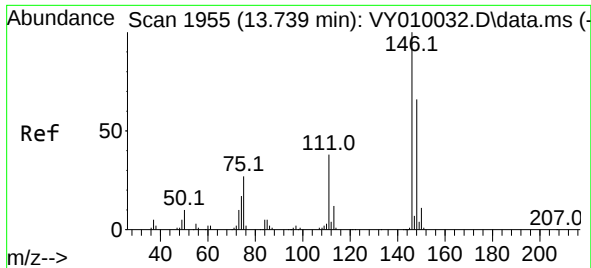
Tgt Ion: 117 Resp: 48787

Ion Ratio Lower Upper

117 100

201 84.6 42.4 127.1

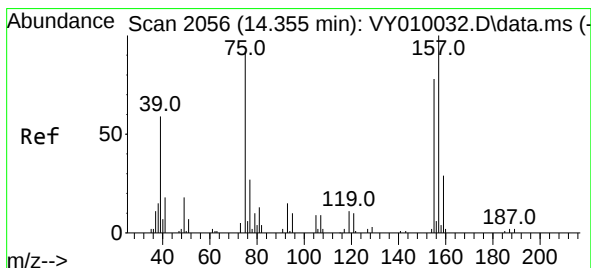
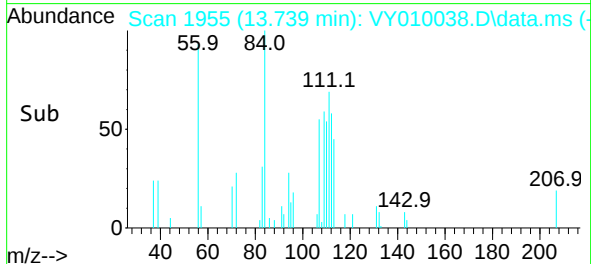
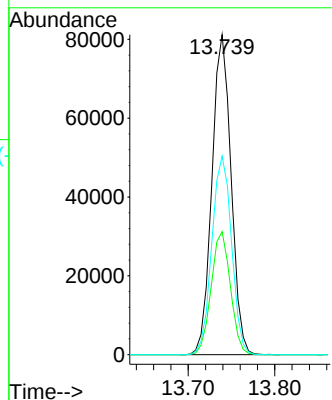
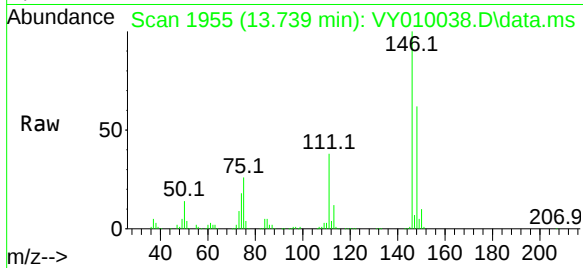




#91
1,2-Dichlorobenzene
Concen: 50.810 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

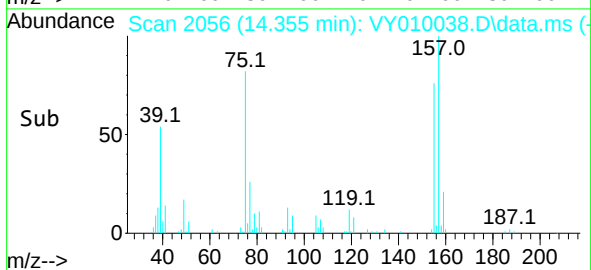
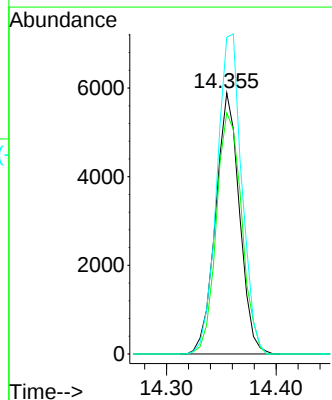
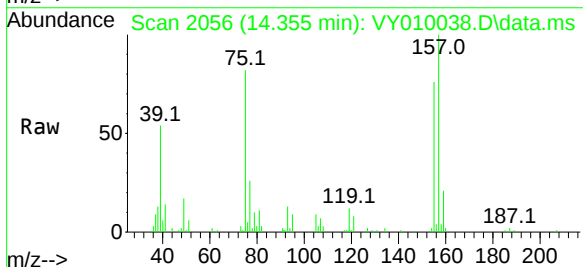
Instrument :
MSVOA_Y
ClientSampleId :
ICVY081622

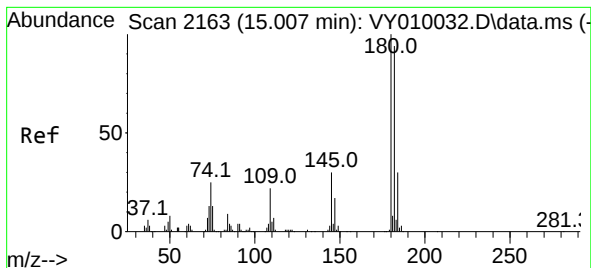
Tgt Ion:146 Resp: 124718
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.4
148 63.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.154 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010038.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 75 Resp: 8917
Ion Ratio Lower Upper
75 100
155 97.5 46.9 140.6
157 127.1 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 53.482 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY081622

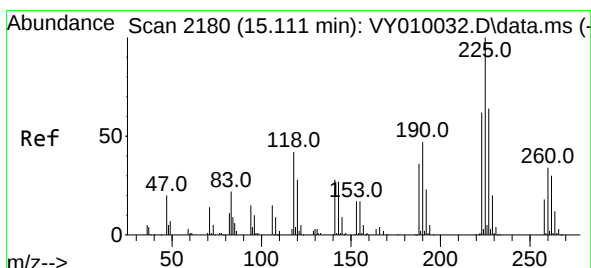
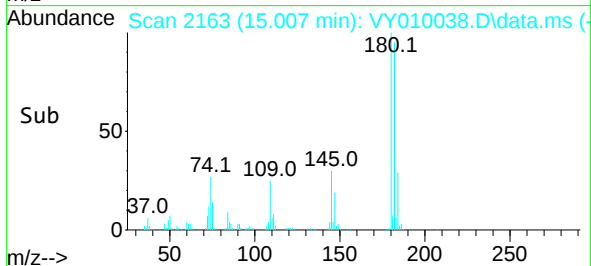
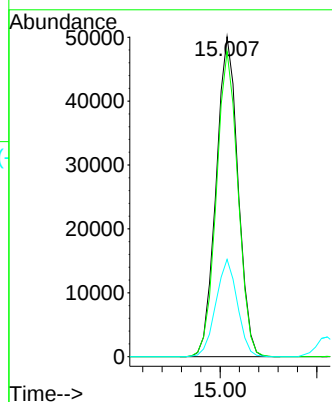
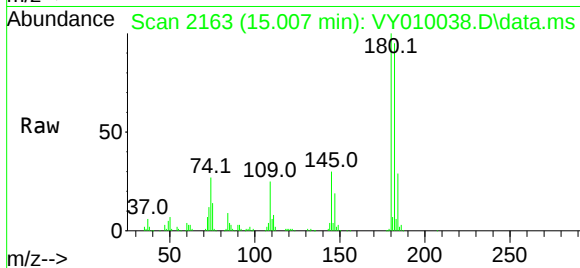
Tgt Ion:180 Resp: 78431

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.2

145 29.9 14.8 44.4



#94

Hexachlorobutadiene

Concen: 51.177 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

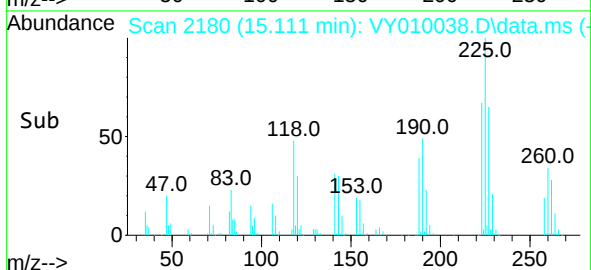
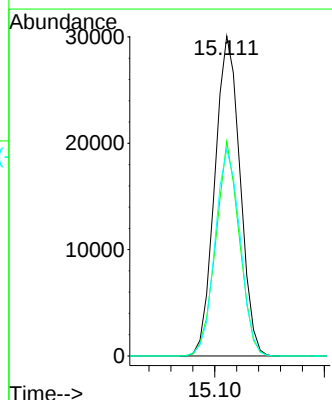
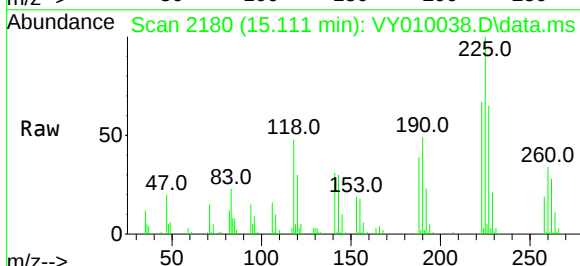
Tgt Ion:225 Resp: 48027

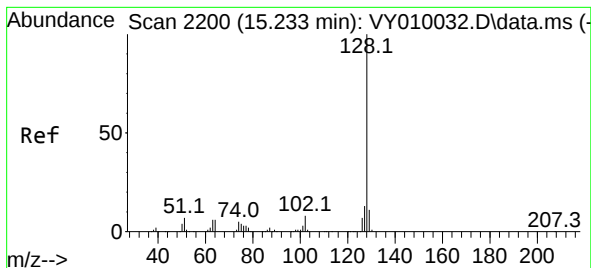
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 64.2 32.6 97.8





#95

Naphthalene

Concen: 49.637 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY081622

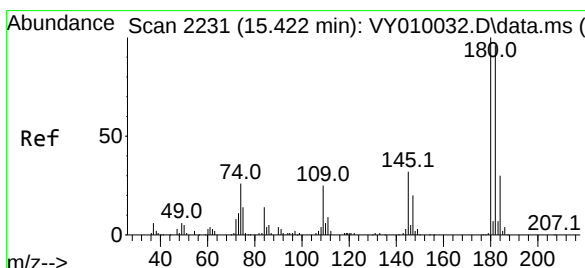
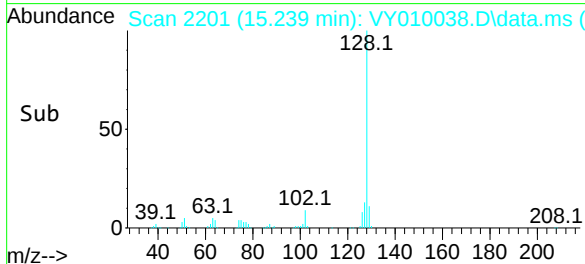
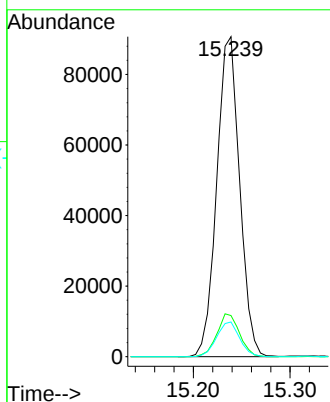
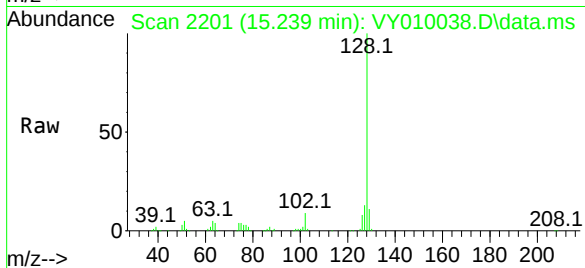
Tgt Ion:128 Resp: 148822

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.380 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010038.D

Acq: 16 Aug 2022 10:07

Tgt Ion:180 Resp: 68896

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 31.4 15.7 47.0

