

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082422\
 Data File : VY010191.D
 Acq On : 24 Aug 2022 12:08
 Operator : KP/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 01:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 25 01:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165050	94.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.840%#	
35) Dibromofluoromethane	7.710	113	185125	103.694	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 207.380%#	
50) Toluene-d8	10.179	98	605374	98.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 196.060%#	
62) 4-Bromofluorobenzene	12.477	95	253933	106.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 213.720%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	129012	84.344	ug/l	100
3) Chloromethane	2.107	50	155128	102.455	ug/l	97
4) Vinyl Chloride	2.241	62	178297	107.732	ug/l	99
5) Bromomethane	2.631	94	128491	96.891	ug/l	100
6) Chloroethane	2.784	64	135135	114.840	ug/l	100
7) Trichlorofluoromethane	3.113	101	169468	91.754	ug/l	94
8) Diethyl Ether	3.521	74	120178	110.236	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	199345	106.581	ug/l	94
10) Methyl Iodide	4.082	142	266793	129.095	ug/l	88
11) Tert butyl alcohol	4.948	59	105902	458.503	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	189517	113.161	ug/l	82
13) Acrolein	3.722	56	30868	406.620	ug/l	98
14) Allyl chloride	4.466	41	332861	112.871	ug/l	87
15) Acrylonitrile	5.149	53	335922	572.635	ug/l	97
16) Acetone	3.942	43	268876	556.835	ug/l #	88
17) Carbon Disulfide	4.180	76	523820	122.355	ug/l	100
18) Methyl Acetate	4.466	43	160446	96.952	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	574563	116.221	ug/l	97
20) Methylene Chloride	4.704	84	237533	75.003	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	222581	114.680	ug/l	88
22) Diisopropyl ether	6.112	45	711889	108.233	ug/l	91
23) Vinyl Acetate	6.051	43	2326745	600.613	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	399562	106.900	ug/l	99
25) 2-Butanone	6.978	43	431763	537.289	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	348951	101.655	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	261074	111.671	ug/l	87
28) Bromochloromethane	7.325	49	130166	103.893	ug/l #	83
29) Tetrahydrofuran	7.338	42	284853	582.601	ug/l	90
30) Chloroform	7.502	83	413171	106.654	ug/l	99
31) Cyclohexane	7.777	56	335873	109.501	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	356869	109.667	ug/l	95
36) 1,1-Dichloropropene	7.911	75	309250	116.169	ug/l	97
37) Ethyl Acetate	7.069	43	193176	114.337	ug/l	95
38) Carbon Tetrachloride	7.892	117	324270	115.189	ug/l	98
39) Methylcyclohexane	9.179	83	365509	123.173	ug/l	93
40) Benzene	8.155	78	922601	113.464	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	259208	193.855	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	252313	111.838	ug/l	90
43) Isopropyl Acetate	8.270	43	346176	117.329	ug/l #	92
44) Trichloroethene	8.935	130	256773	114.419	ug/l	99
45) 1,2-Dichloropropane	9.209	63	234439	109.834	ug/l	96
46) Dibromomethane	9.301	93	134486	114.246	ug/l	99
47) Bromodichloromethane	9.490	83	322805	111.466	ug/l	98
48) Methyl methacrylate	9.289	41	155459	122.244	ug/l #	83
49) 1,4-Dioxane	9.295	88	35980	2628.097	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	954956	591.017	ug/l	90
52) Toluene	10.240	92	592226	116.097	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	341192	118.618	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	384440	115.422	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	196538	110.227	ug/l	98
56) Ethyl methacrylate	10.508	69	277018	126.561	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	328898	113.552	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	427540	488.230	ug/l	96
59) 2-Hexanone	10.831	43	669523	612.101	ug/l	88
60) Dibromochloromethane	10.983	129	238165	113.188	ug/l	100
61) 1,2-Dibromoethane	11.087	107	190151	115.706	ug/l	100
64) Tetrachloroethene	10.715	164	247046	113.882	ug/l	98
65) Chlorobenzene	11.514	112	645445	112.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	244584	112.010	ug/l	97
67) Ethyl Benzene	11.593	91	1161985	117.491	ug/l	98
68) m/p-Xylenes	11.703	106	900351	237.005	ug/l	94
69) o-Xylene	12.026	106	427083	117.877	ug/l	95
70) Styrene	12.044	104	740947	119.434	ug/l	95
71) Bromoform	12.203	173	157935	114.837	ug/l #	99
73) Isopropylbenzene	12.331	105	1138598	117.227	ug/l	100
74) N-amyl acetate	12.142	43	317153	119.710	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	228962	107.991	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	308315	129.397	ug/l #	100
77) Bromobenzene	12.605	156	271592	113.678	ug/l	96
78) n-propylbenzene	12.672	91	1384236	114.636	ug/l	98
79) 2-Chlorotoluene	12.757	91	775533	114.194	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	951291	115.360	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	85645	118.153	ug/l #	84
82) 4-Chlorotoluene	12.855	91	801150	112.907	ug/l	97
83) tert-Butylbenzene	13.074	119	836467	117.945	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	952897	116.776	ug/l	98
85) sec-Butylbenzene	13.251	105	1234712	114.331	ug/l	99
86) p-Isopropyltoluene	13.367	119	1042071	118.217	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	541878	111.477	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	535476	109.350	ug/l	98
89) n-Butylbenzene	13.696	91	982184	116.165	ug/l	99
90) Hexachloroethane	13.958	117	199839	107.925	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	480703	110.624	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	37189	126.772	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	305680	148.804	ug/l	99
94) Hexachlorobutadiene	15.111	225	169030	136.409	ug/l	99
95) Naphthalene	15.233	128	658413	162.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	269104	147.709	ug/l	99

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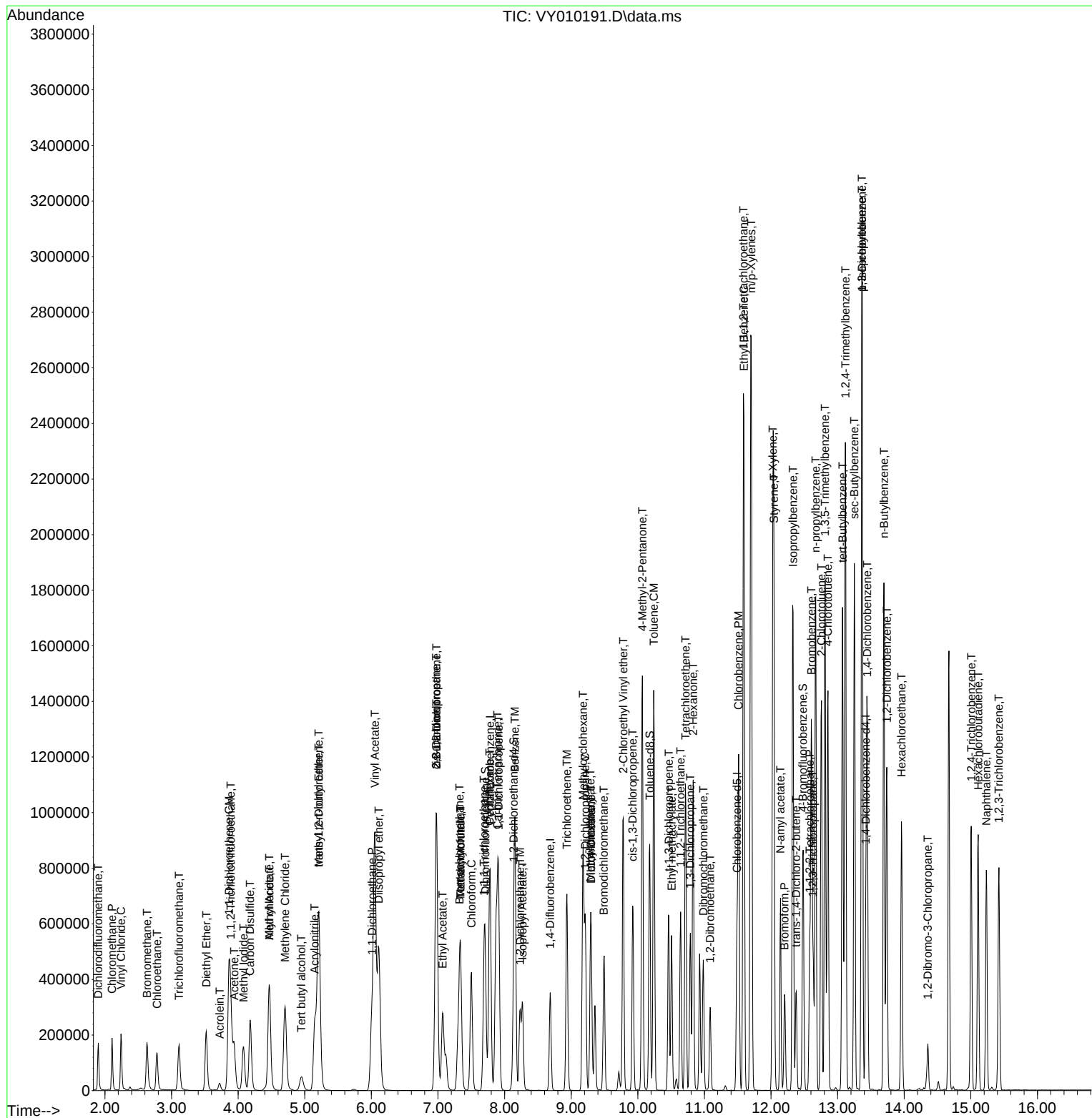
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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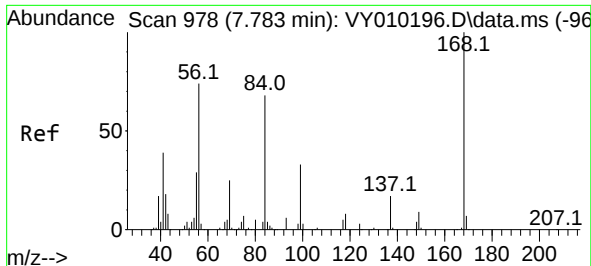
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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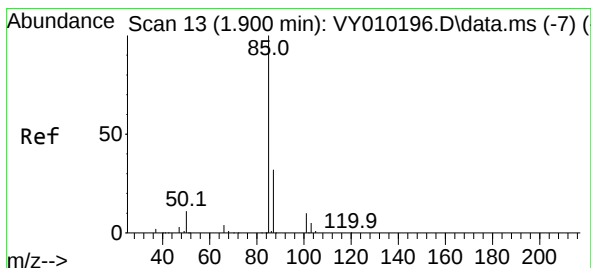
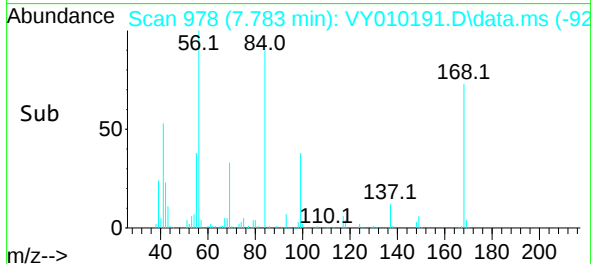
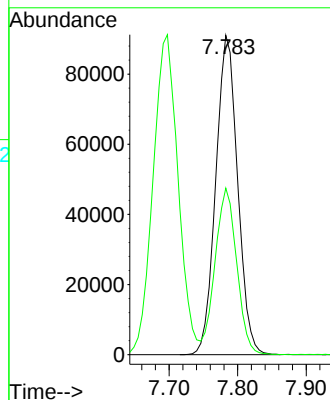
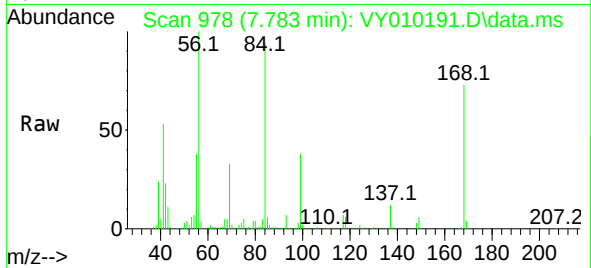




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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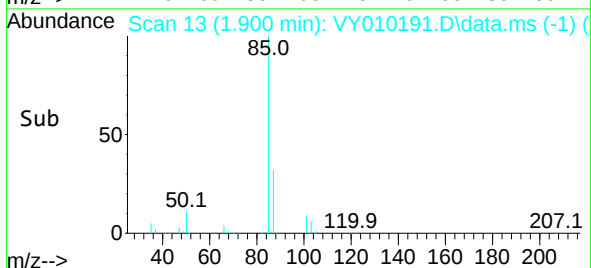
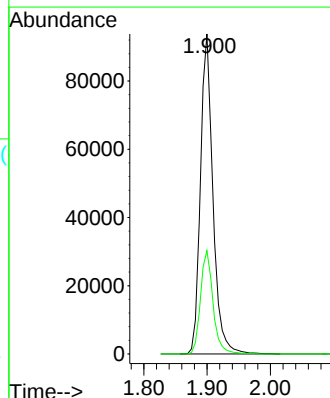
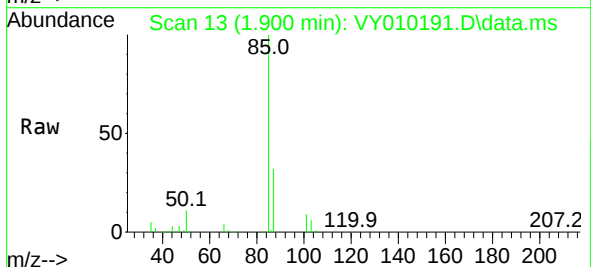
Instrument :
MSVOA_Y
ClientSampleId :

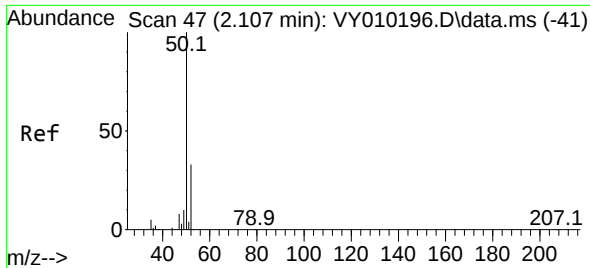
Tgt Ion:168 Resp: 201322
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 84.344 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 85 Resp: 129012
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

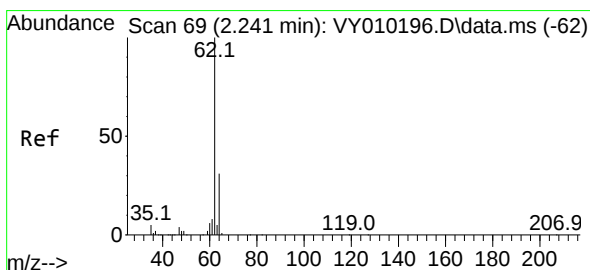
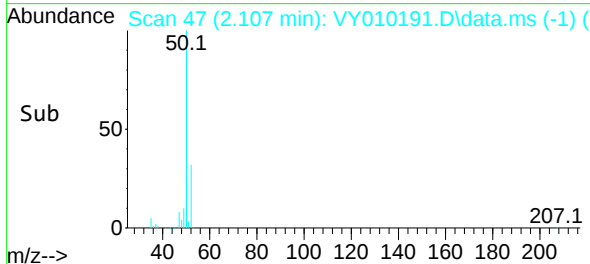
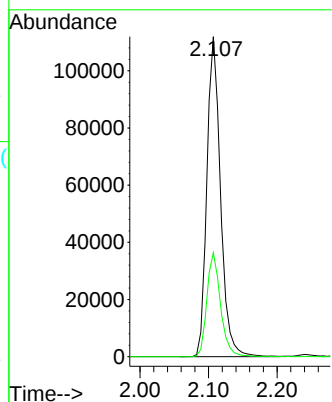
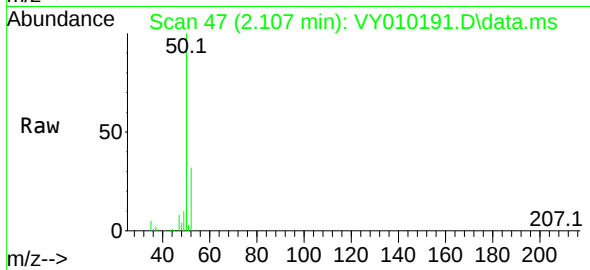




#3
Chloromethane
Concen: 102.455 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY010191.D
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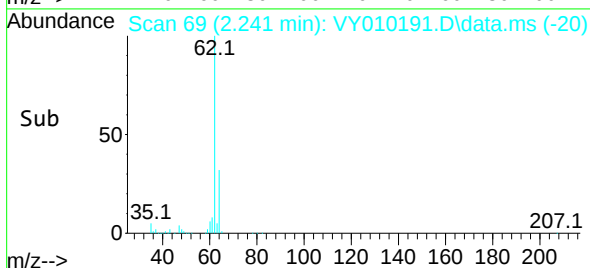
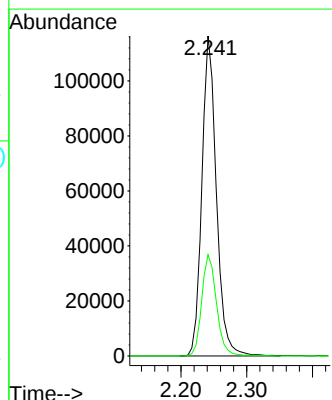
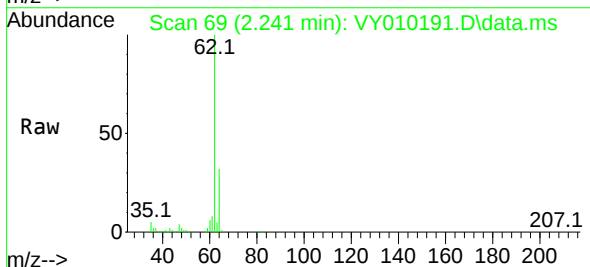
Instrument :
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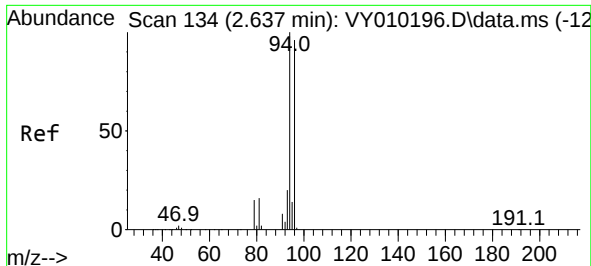
Tgt Ion: 50 Resp: 155128
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0



#4
Vinyl Chloride
Concen: 107.732 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 62 Resp: 178297
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

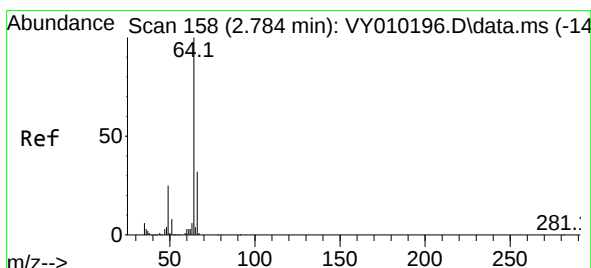
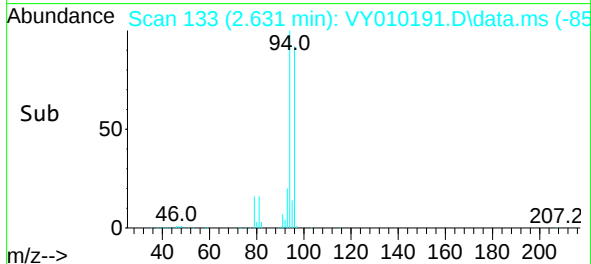
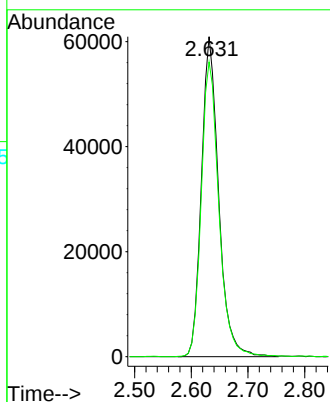
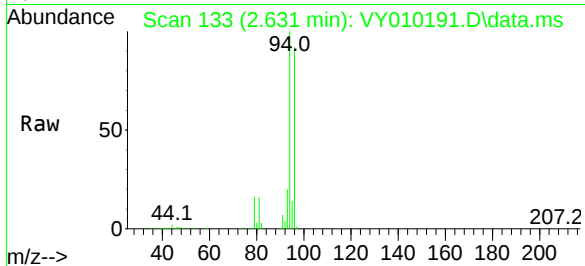




#5
Bromomethane
Concen: 96.891 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010191.D
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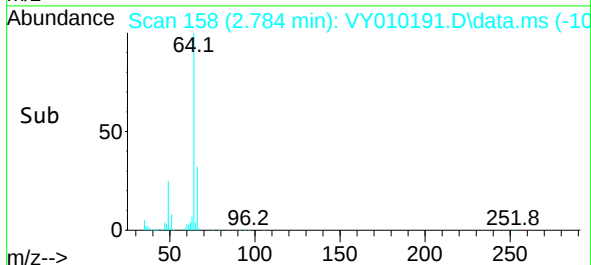
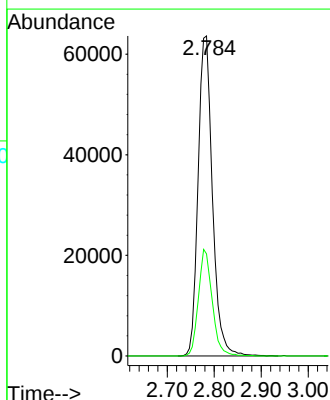
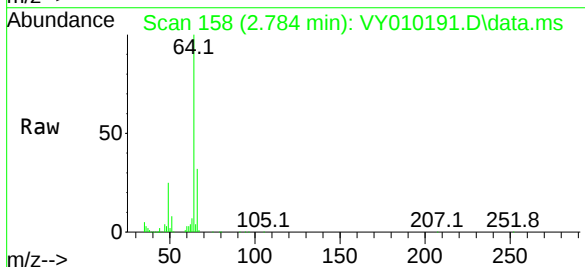
Instrument :
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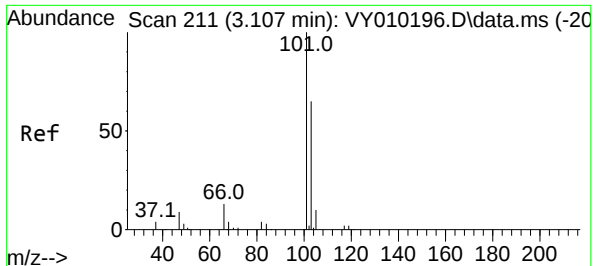
Tgt Ion: 94 Resp: 128491
Ion Ratio Lower Upper
94 100
96 92.0 73.5 110.3



#6
Chloroethane
Concen: 114.840 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010191.D
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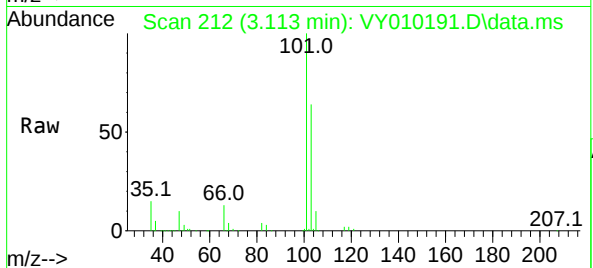
Tgt Ion: 64 Resp: 135135
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0



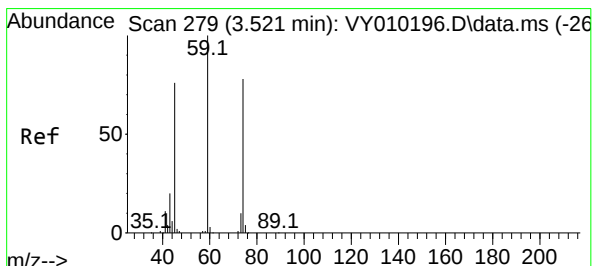
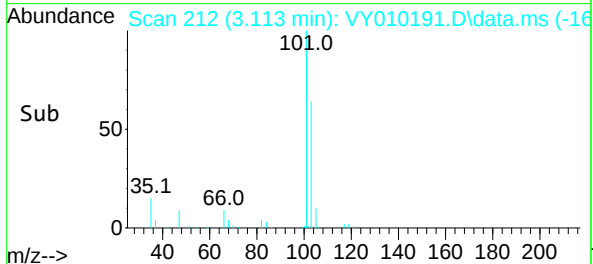
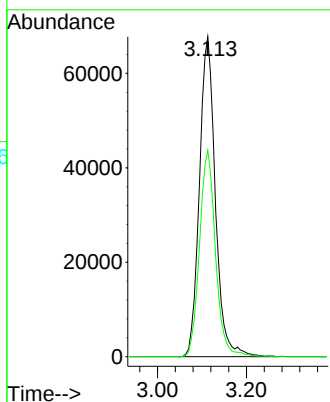


#7
 Trichlorofluoromethane
 Concen: 91.754 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

Instrument :
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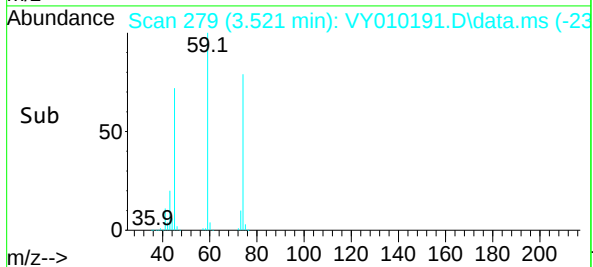
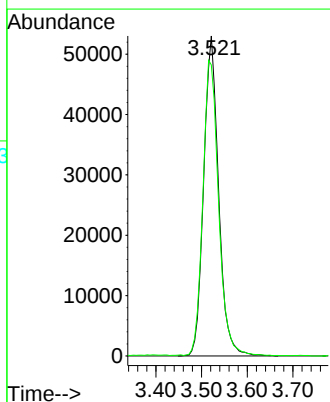
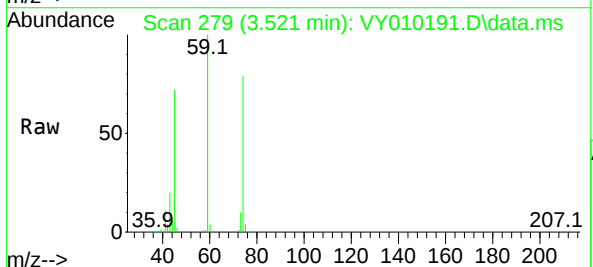


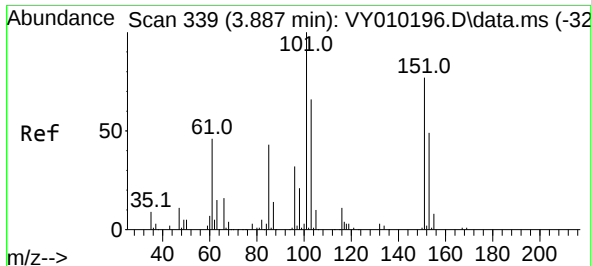
Tgt Ion:101 Resp: 169468
 Ion Ratio Lower Upper
 101 100
 103 64.4 48.0 72.0



#8
 Diethyl Ether
 Concen: 110.236 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 120178
 Ion Ratio Lower Upper
 74 100
 45 97.3 55.1 165.5

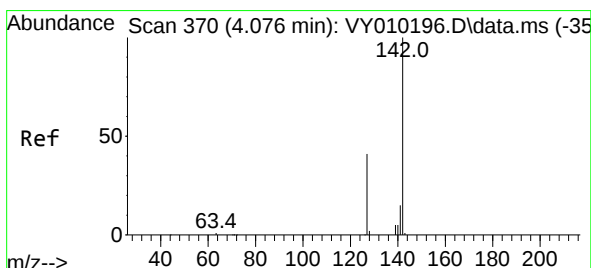
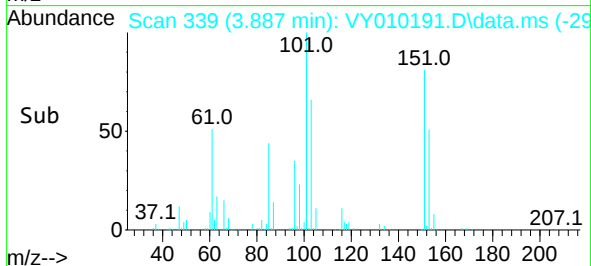
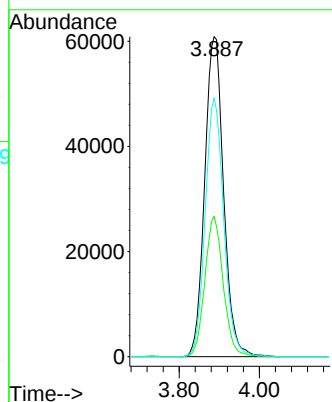
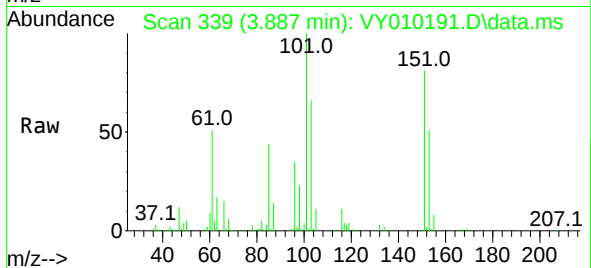




#9
1,1,2-Trichlorotrifluoroethane
Concen: 106.581 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

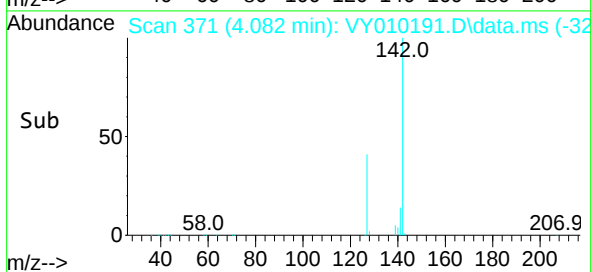
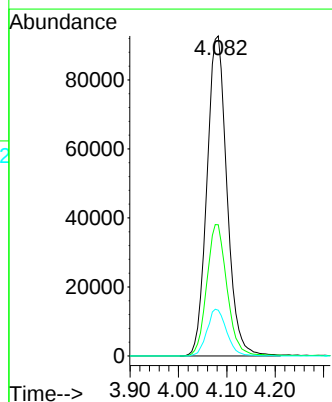
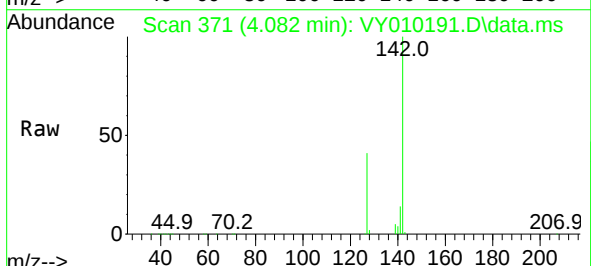
Instrument :
MSVOA_Y
ClientSampleId :

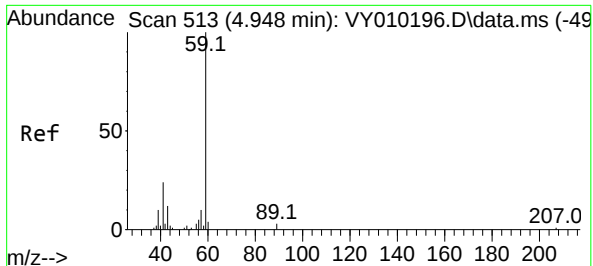
Tgt Ion:101 Resp: 199345
Ion Ratio Lower Upper
101 100
85 42.6 40.6 60.8
151 79.3 64.9 97.3



#10
Methyl Iodide
Concen: 129.095 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion:142 Resp: 266793
Ion Ratio Lower Upper
142 100
127 41.7 41.5 62.3
141 14.3 11.9 17.9

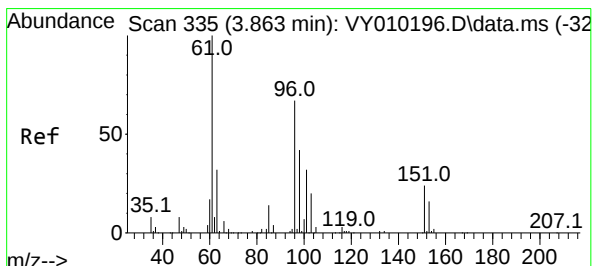
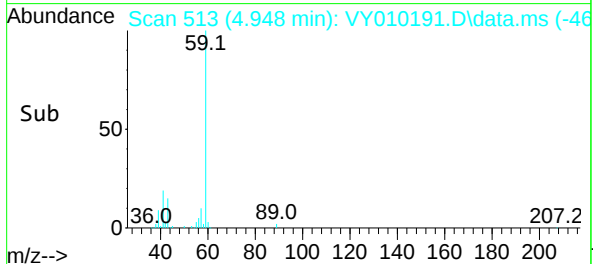
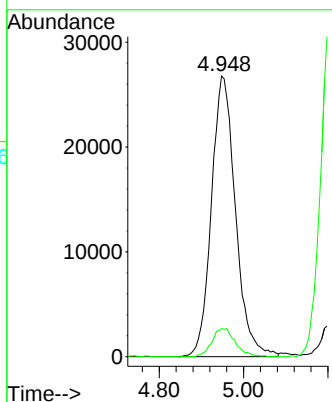
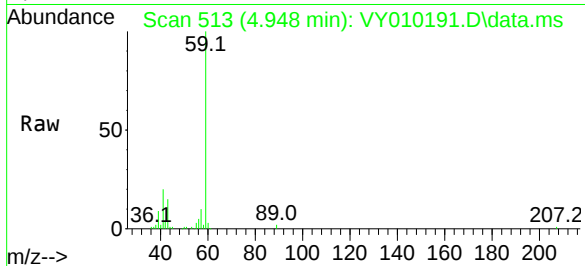




#11
Tert butyl alcohol
Concen: 458.503 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

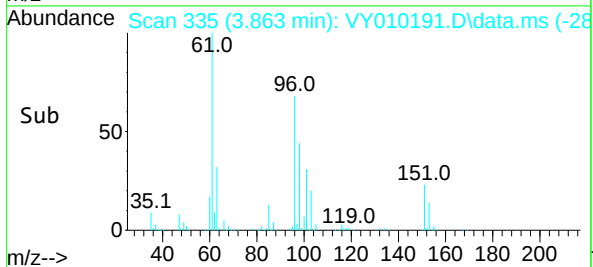
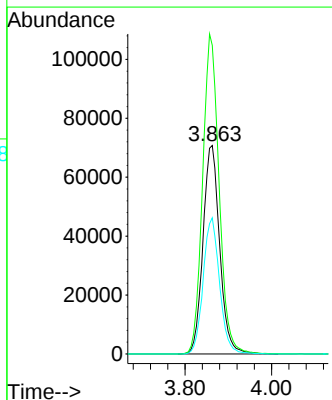
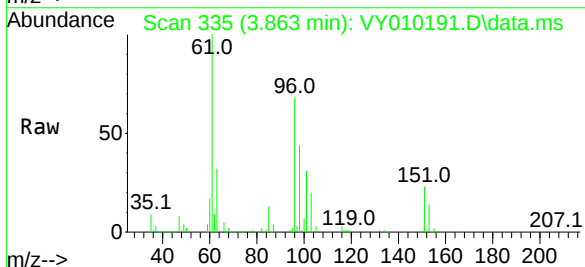
Instrument :
MSVOA_Y
ClientSampleId :

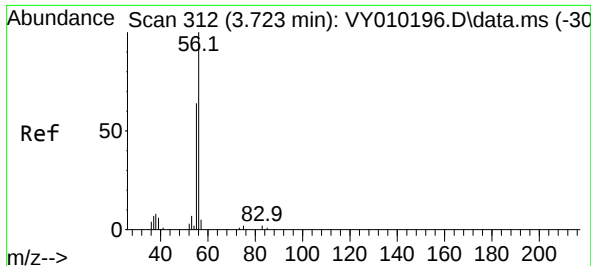
Tgt Ion: 59 Resp: 105902
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 113.161 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 96 Resp: 189517
Ion Ratio Lower Upper
96 100
61 148.0 145.8 218.6
98 65.3 52.5 78.7





#13

Acrolein

Concen: 406.620 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

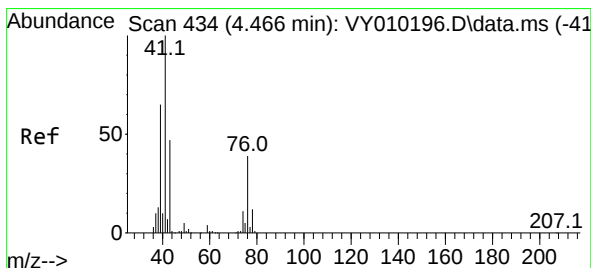
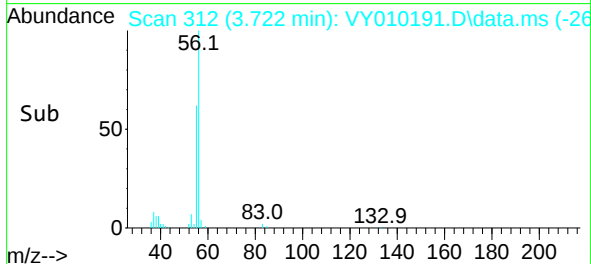
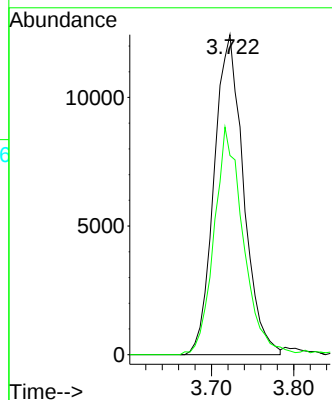
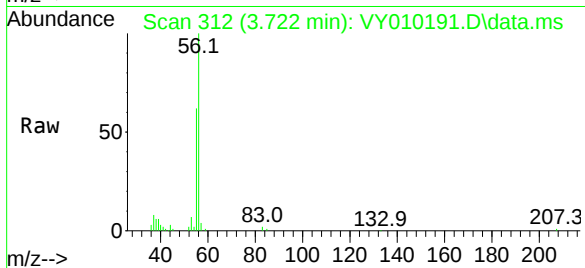
ClientSampleId :

Tgt Ion: 56 Resp: 30868

Ion Ratio Lower Upper

56 100

55 70.4 57.6 86.4



#14

Allyl chloride

Concen: 112.871 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

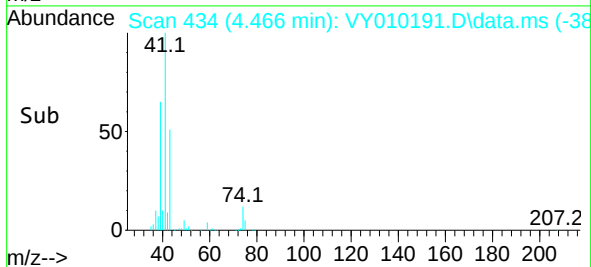
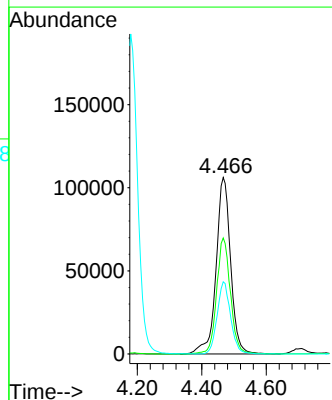
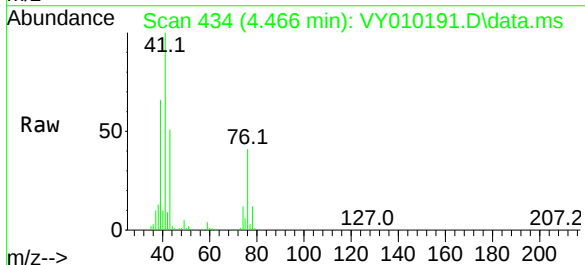
Tgt Ion: 41 Resp: 332861

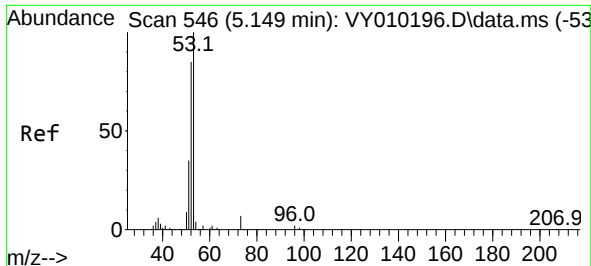
Ion Ratio Lower Upper

41 100

39 62.3 58.8 88.2

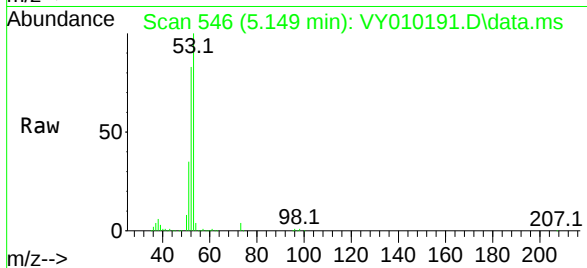
76 37.6 25.1 37.7



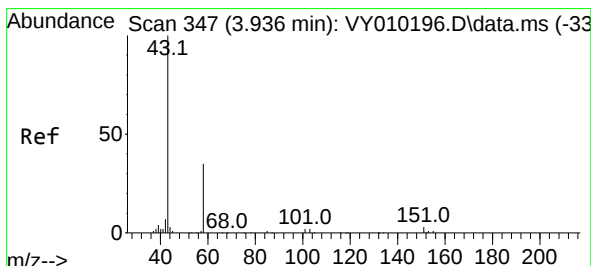
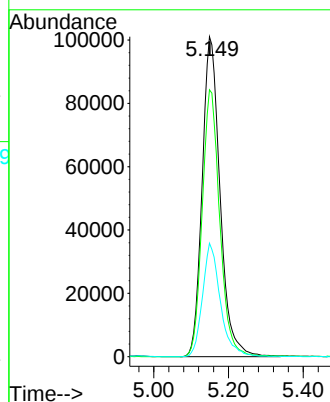
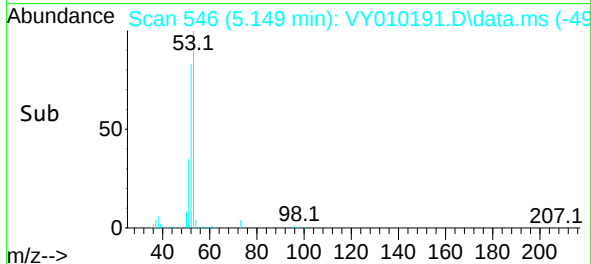


#15
Acrylonitrile
Concen: 572.635 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

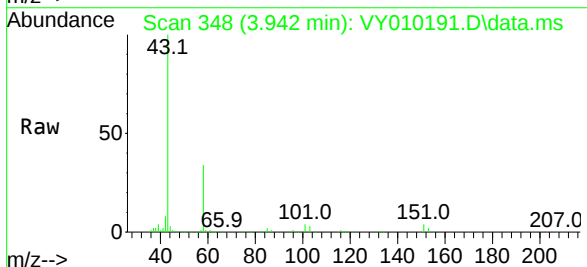
Instrument :
MSVOA_Y
ClientSampleId :



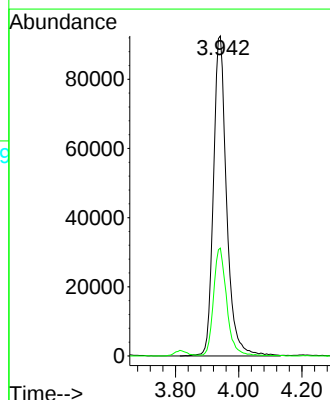
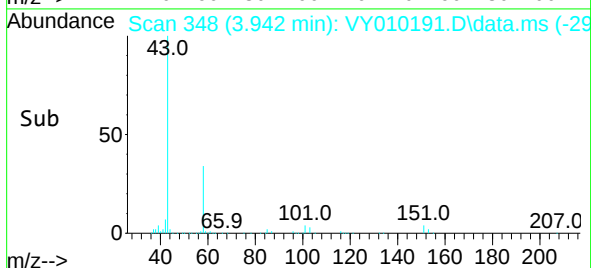
Tgt Ion: 53 Resp: 335922
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 35.4 29.8 44.6

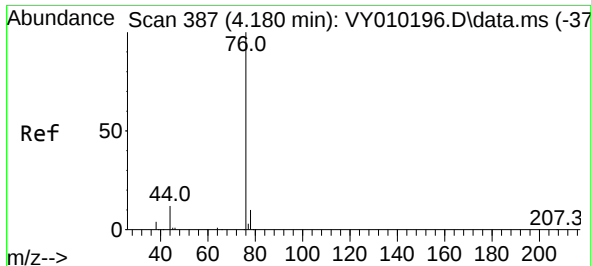


#16
Acetone
Concen: 556.835 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08



Tgt Ion: 43 Resp: 268876
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#

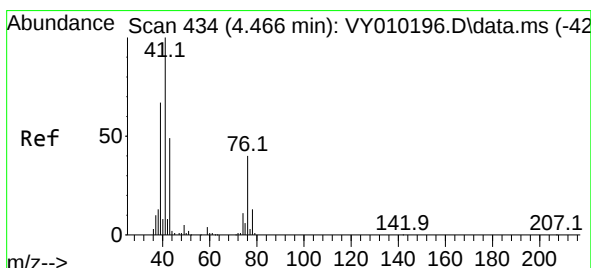
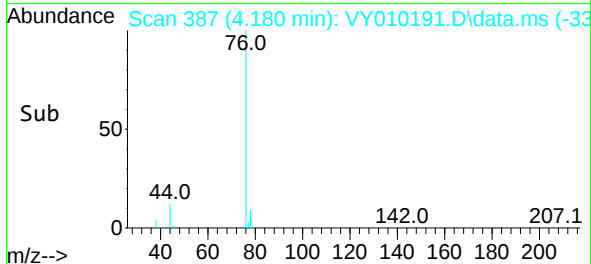
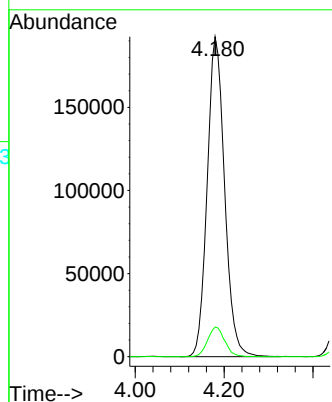
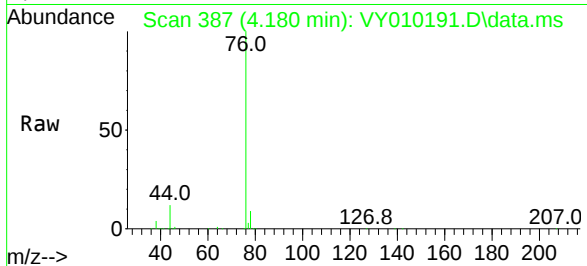




#17
Carbon Disulfide
Concen: 122.355 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

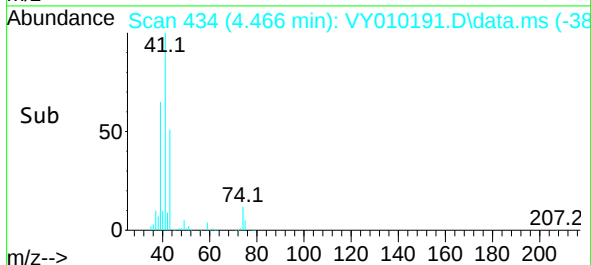
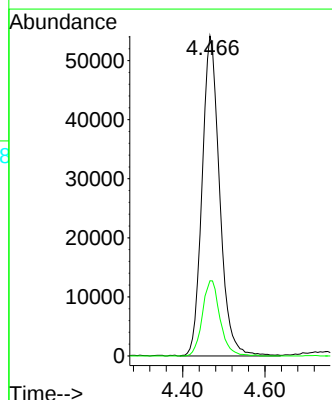
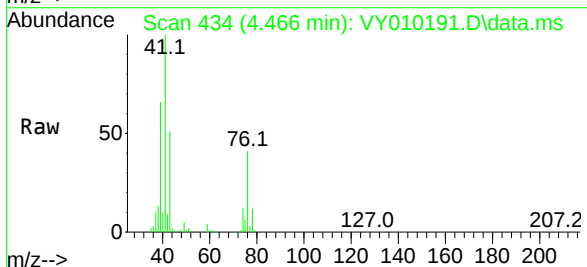
Instrument :
MSVOA_Y
ClientSampleId :

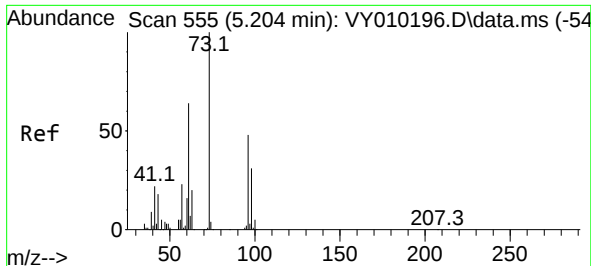
Tgt Ion: 76 Resp: 523820
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 96.952 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 43 Resp: 160446
Ion Ratio Lower Upper
43 100
74 23.7 16.6 24.8

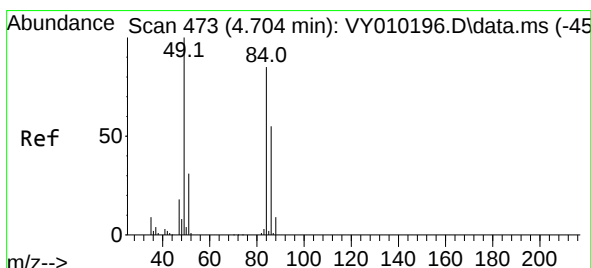
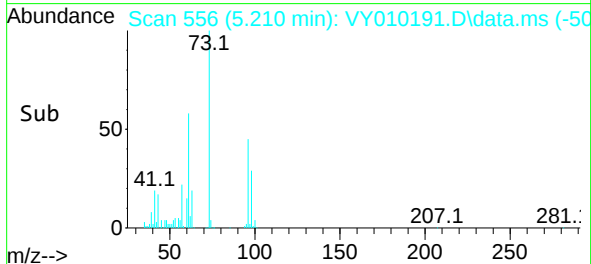
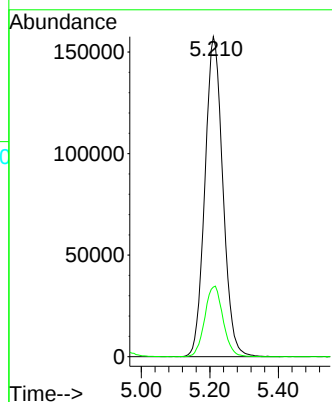
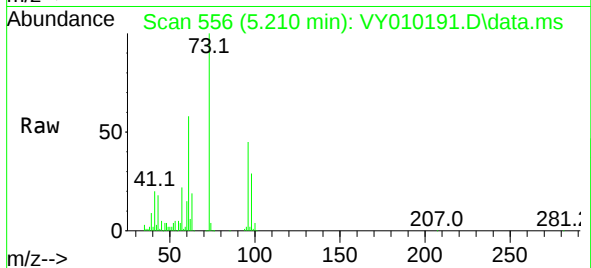




#19
Methyl tert-butyl Ether
Concen: 116.221 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

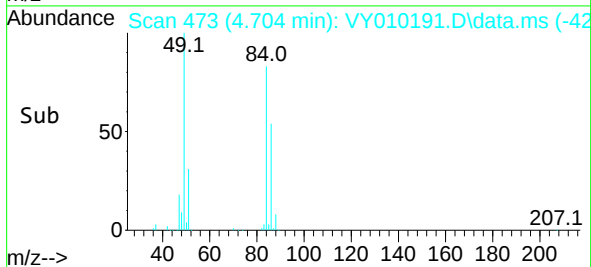
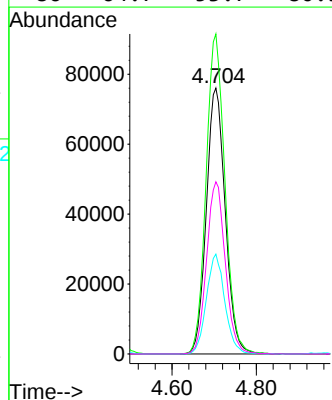
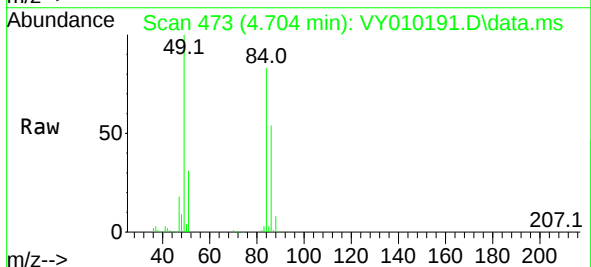
Instrument :
MSVOA_Y
ClientSampleId :

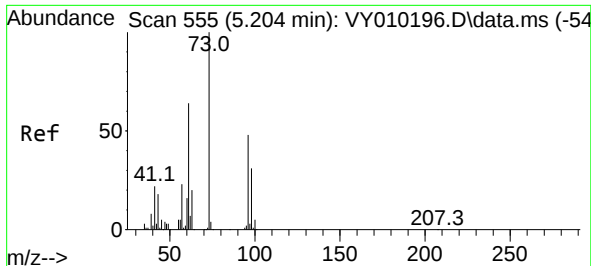
Tgt Ion: 73 Resp: 574563
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8



#20
Methylene Chloride
Concen: 75.003 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 84 Resp: 237533
Ion Ratio Lower Upper
84 100
49 120.3 114.4 171.6
51 37.5 35.3 52.9
86 64.7 53.7 80.5

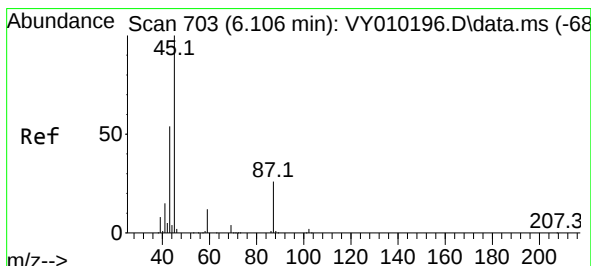
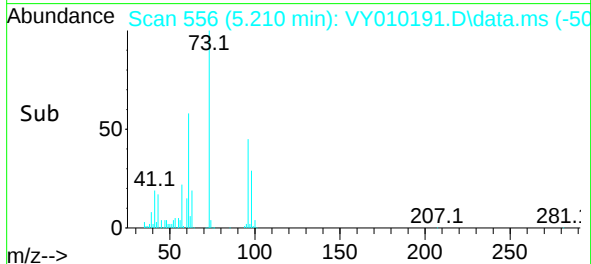
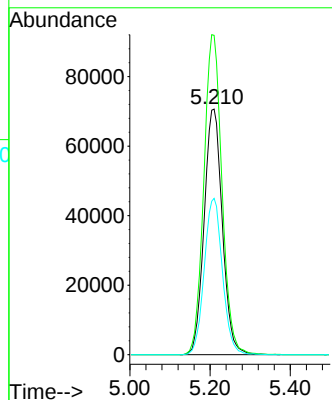
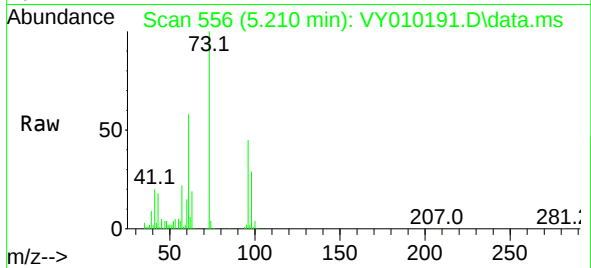




#21
trans-1,2-Dichloroethene
Concen: 114.680 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

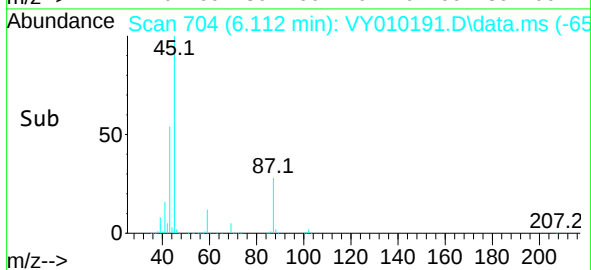
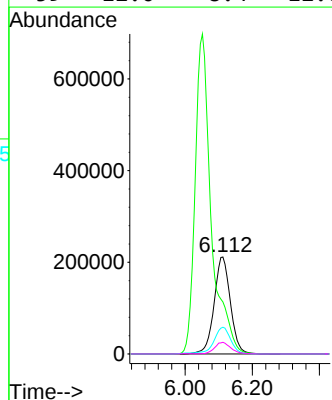
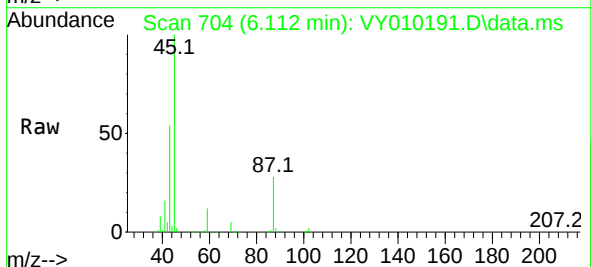
Instrument :
MSVOA_Y
ClientSampleId :

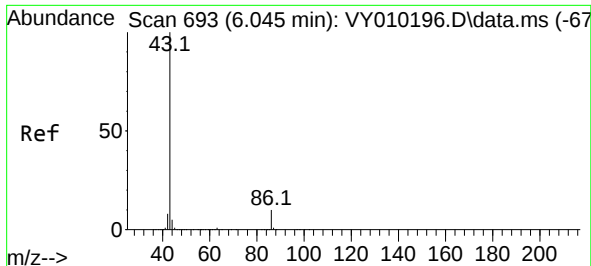
Tgt Ion: 96 Resp: 222581
Ion Ratio Lower Upper
96 100
61 130.0 120.5 180.7
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 108.233 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 45 Resp: 711889
Ion Ratio Lower Upper
45 100
43 53.4 49.3 73.9
87 27.6 19.2 28.8
59 12.0 8.4 12.6

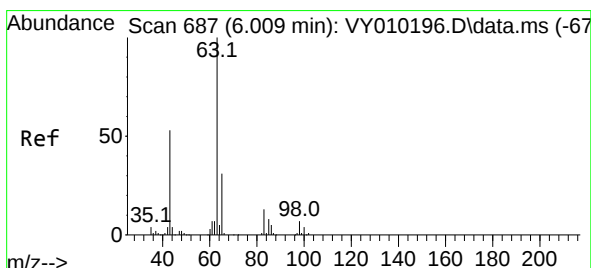
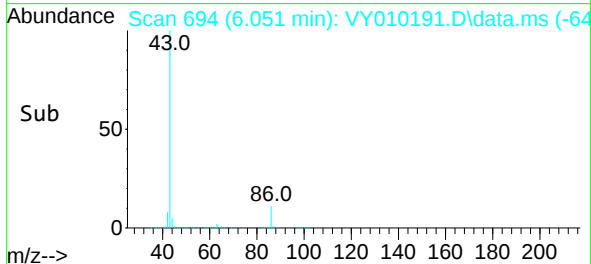
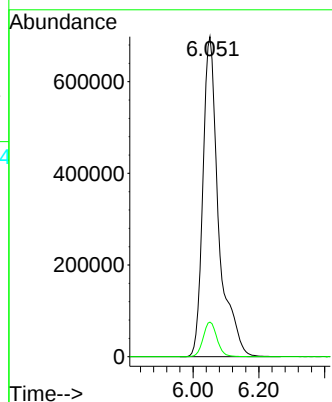
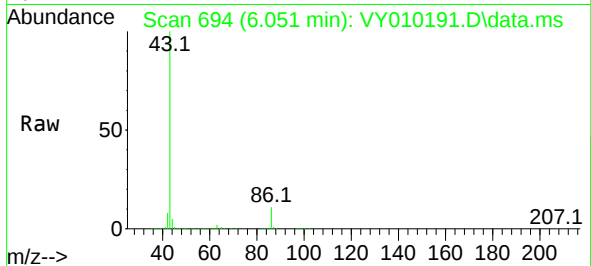




#23
 Vinyl Acetate
 Concen: 600.613 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

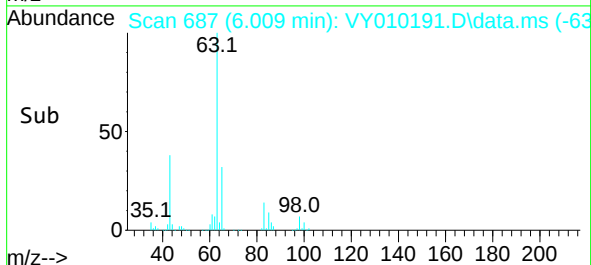
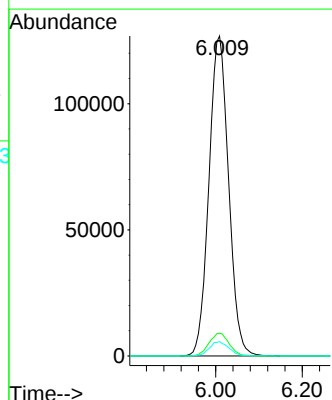
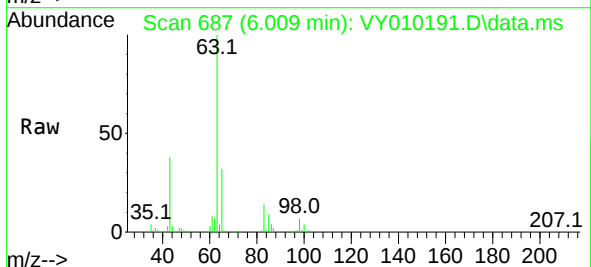
Instrument :
 MSVOA_Y
 ClientSampleId :

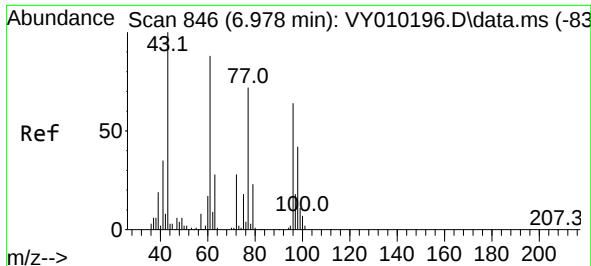
Tgt Ion: 43 Resp: 2326745
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 106.900 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

Tgt Ion: 63 Resp: 399562
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.5 2.0 5.8

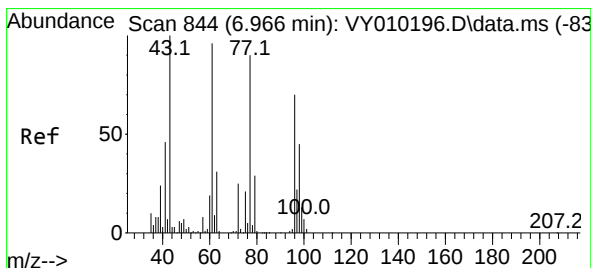
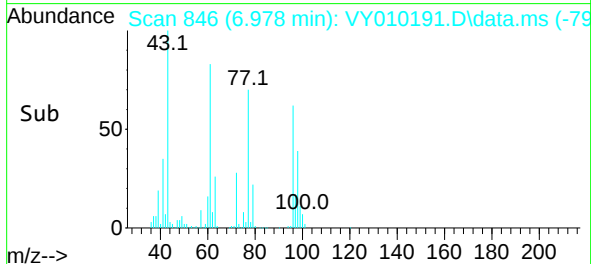
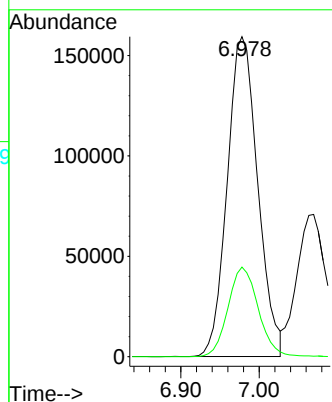
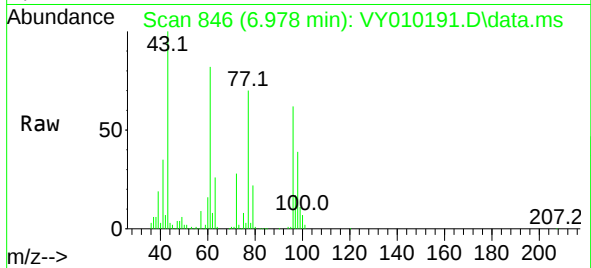




#25
2-Butanone
Concen: 537.289 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

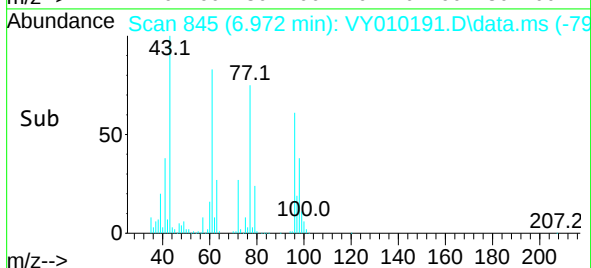
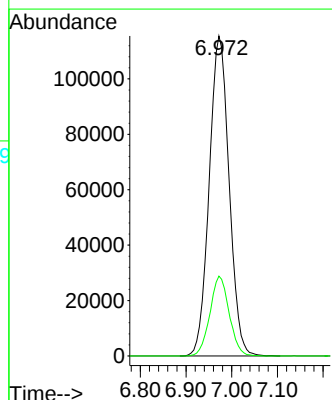
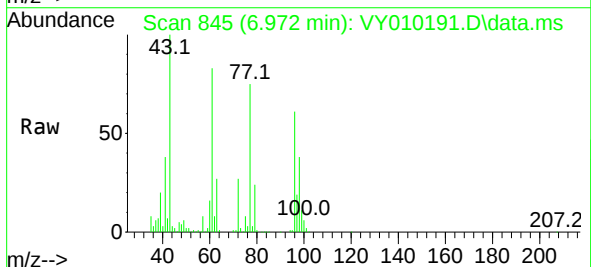
Instrument :
MSVOA_Y
ClientSampleId :

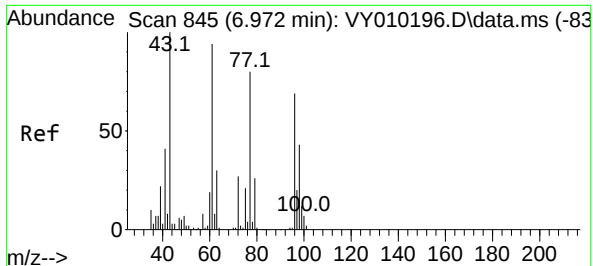
Tgt Ion: 43 Resp: 431763
Ion Ratio Lower Upper
43 100
72 28.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 101.655 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 77 Resp: 348951
Ion Ratio Lower Upper
77 100
97 24.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 111.671 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

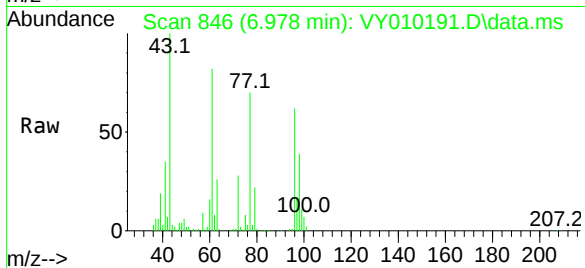
Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :



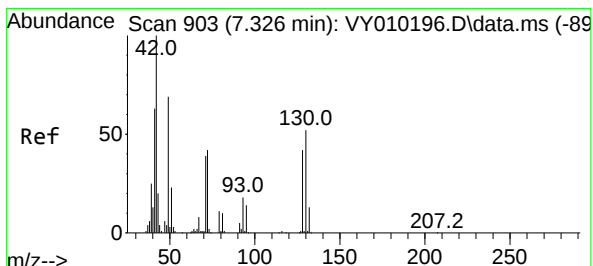
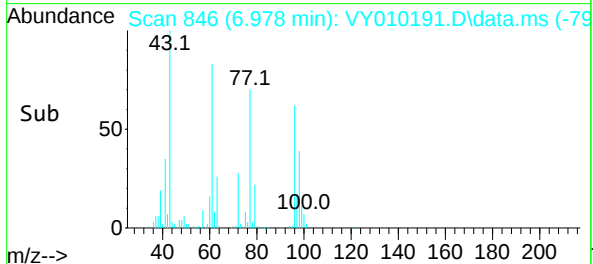
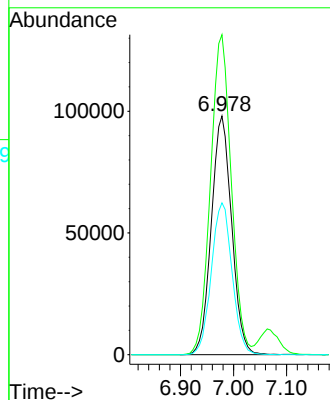
Tgt Ion: 96 Resp: 261074

Ion Ratio Lower Upper

96 100

61 136.8 0.0 319.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 103.893 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

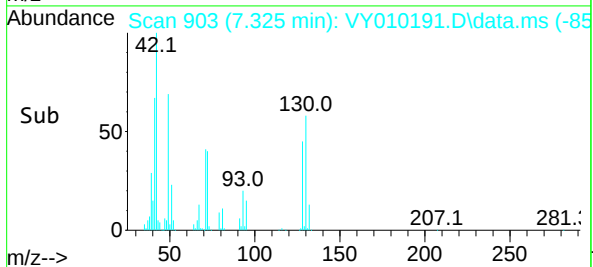
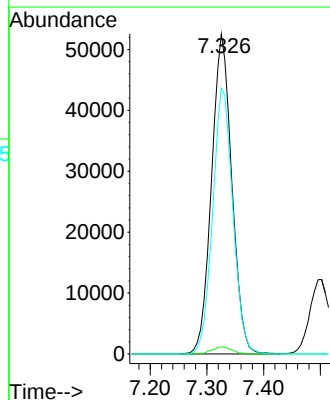
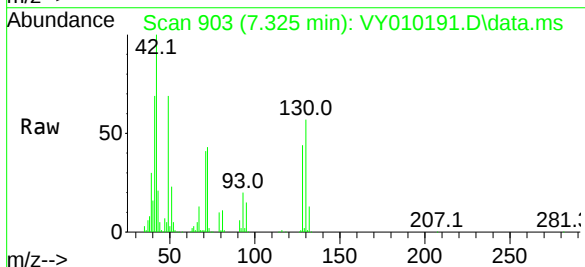
Tgt Ion: 49 Resp: 130166

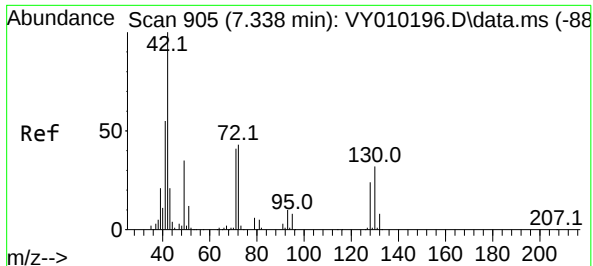
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 82.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 582.601 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

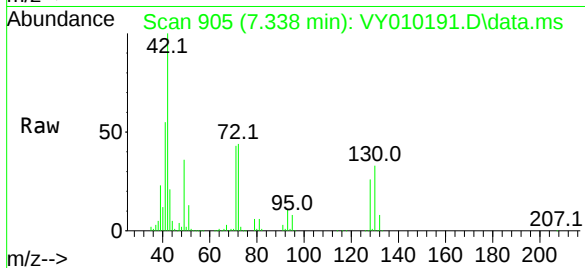
Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :



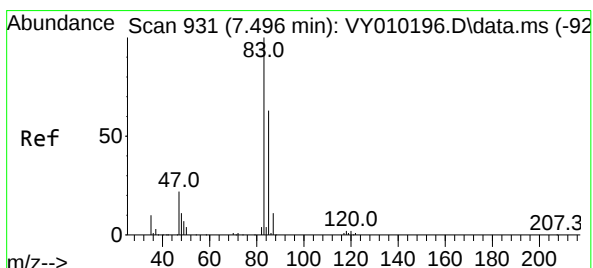
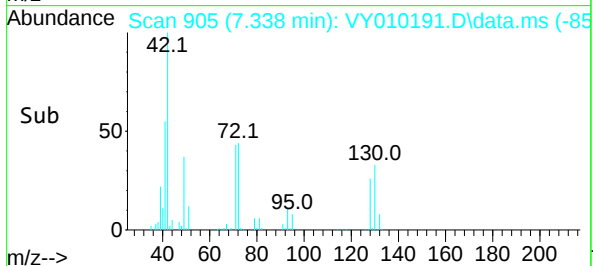
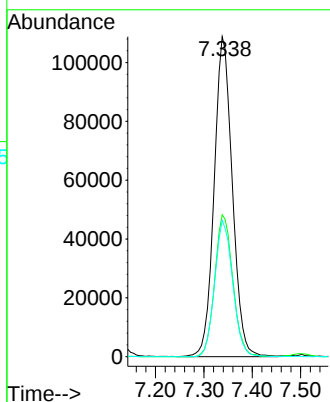
Tgt Ion: 42 Resp: 284853

Ion Ratio Lower Upper

42 100

72 44.3 30.3 45.5

71 42.1 29.0 43.4



#30

Chloroform

Concen: 106.654 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY010191.D

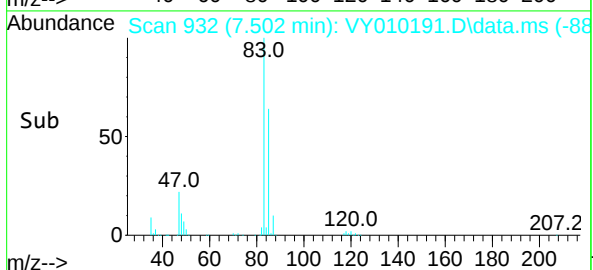
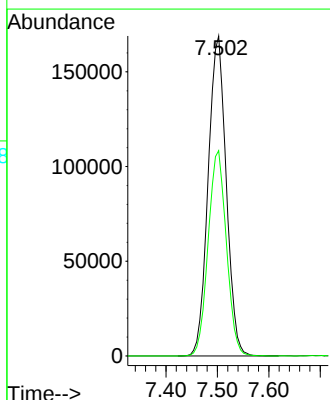
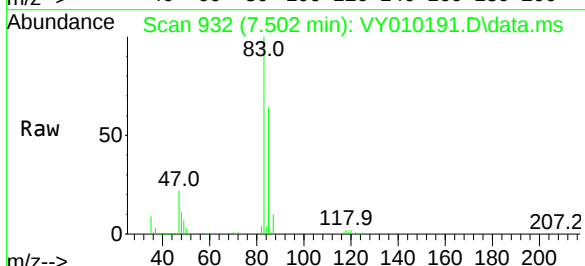
Acq: 24 Aug 2022 12:08

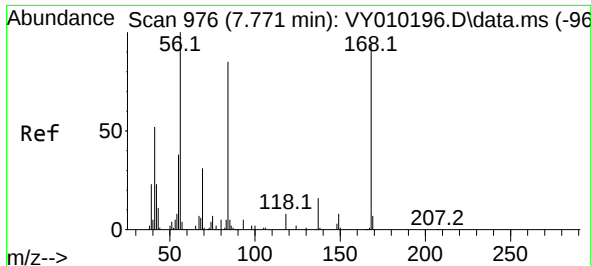
Tgt Ion: 83 Resp: 413171

Ion Ratio Lower Upper

83 100

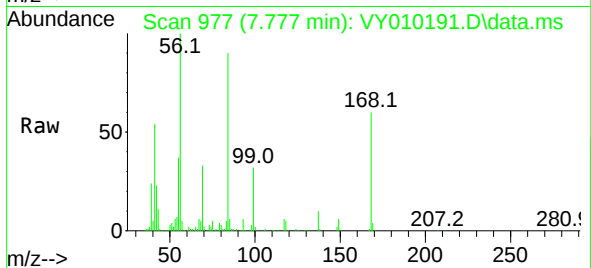
85 64.1 51.8 77.6



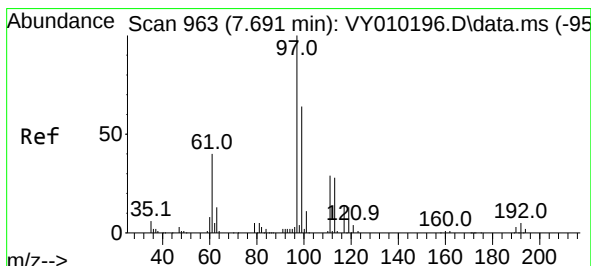
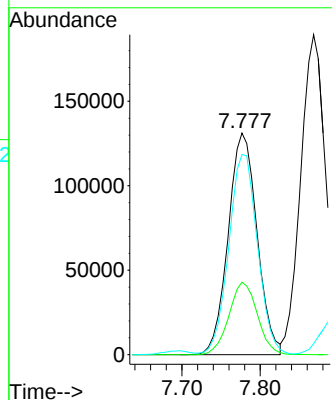
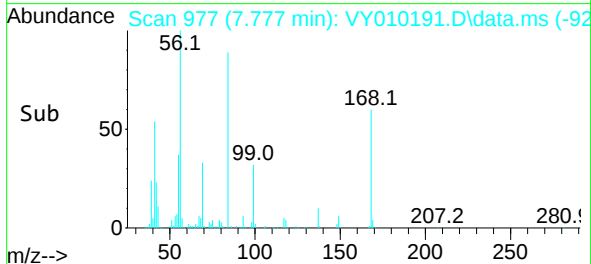


#31
Cyclohexane
Concen: 109.501 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Instrument :
MSVOA_Y
ClientSampleId :

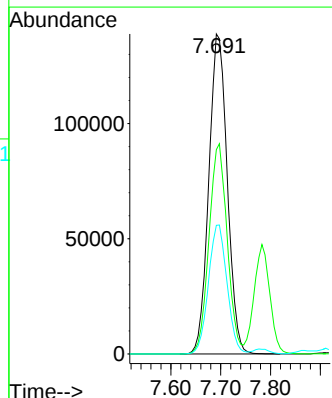
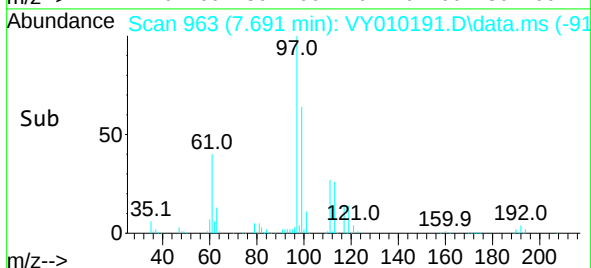
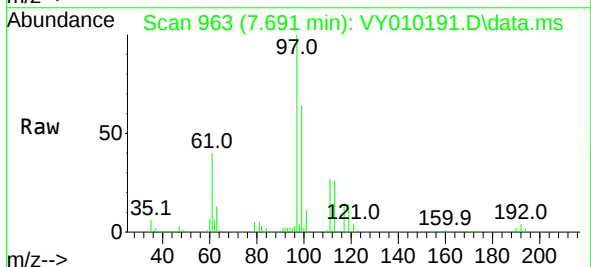


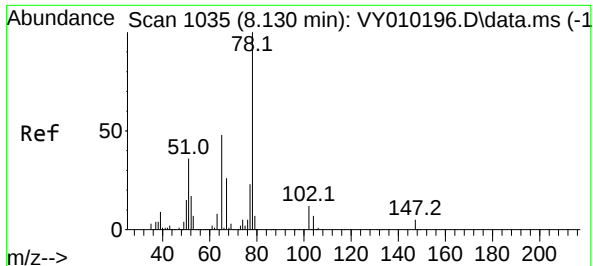
Tgt Ion: 56 Resp: 335873
Ion Ratio Lower Upper
56 100
69 32.7 26.7 40.1
84 88.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 109.667 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 97 Resp: 356869
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 40.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 94.924 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

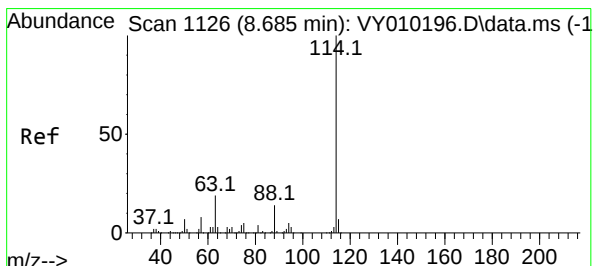
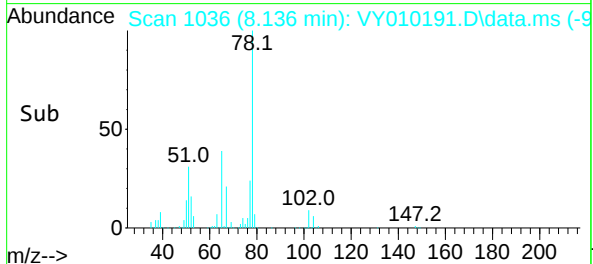
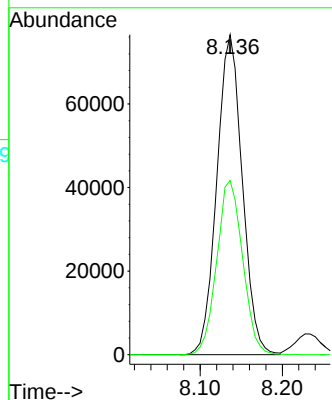
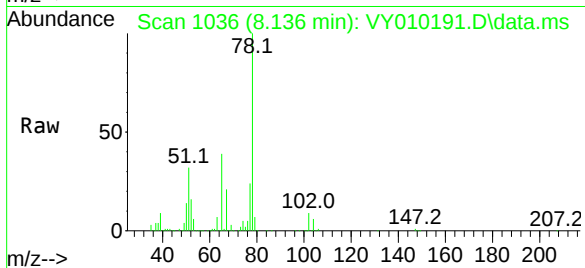
ClientSampleId :

Tgt Ion: 65 Resp: 165050

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

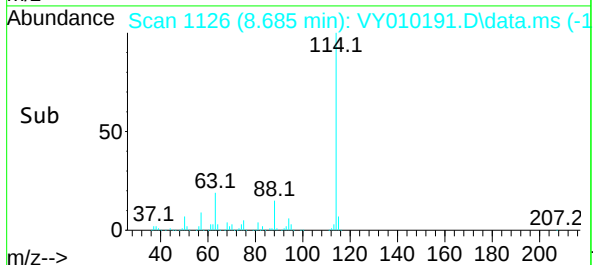
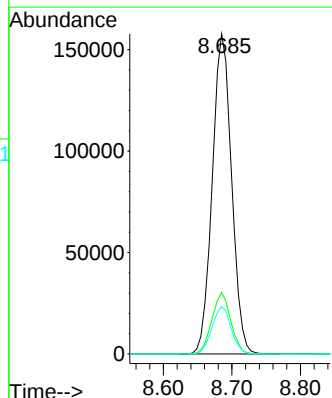
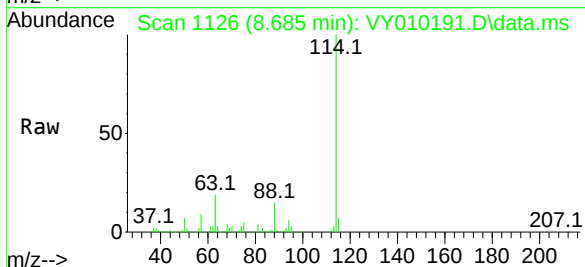
Tgt Ion: 114 Resp: 308540

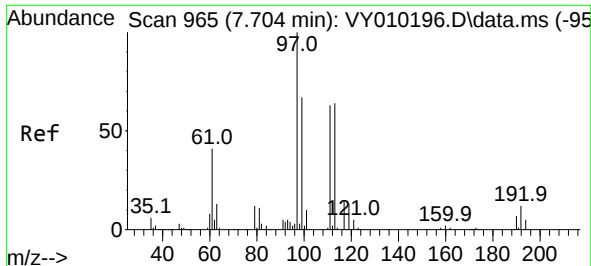
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8

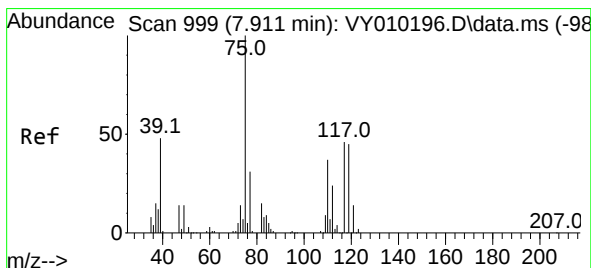
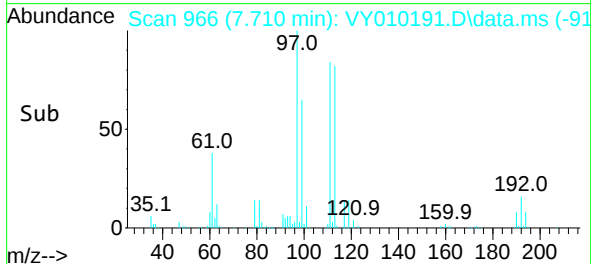
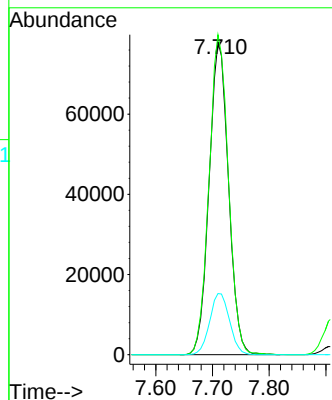
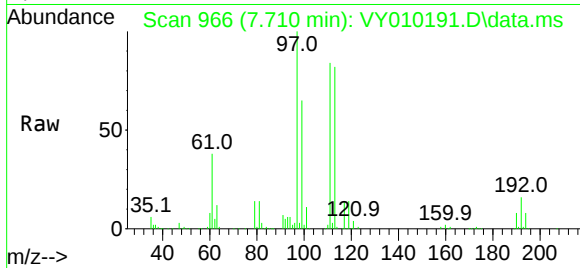




#35
Dibromofluoromethane
Concen: 103.694 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

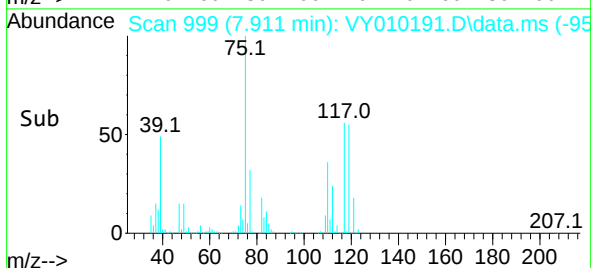
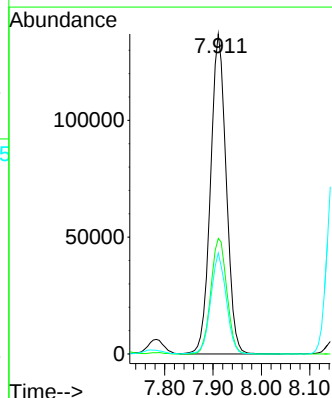
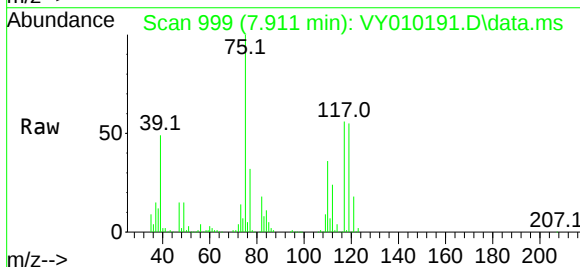
Instrument :
MSVOA_Y
ClientSampleId :

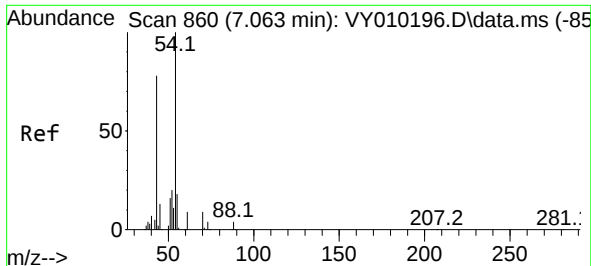
Tgt Ion:113 Resp: 185125
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 116.169 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 75 Resp: 309250
Ion Ratio Lower Upper
75 100
110 36.6 17.1 51.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 114.337 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.006 min

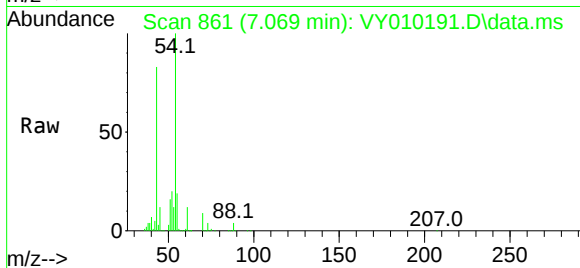
Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :



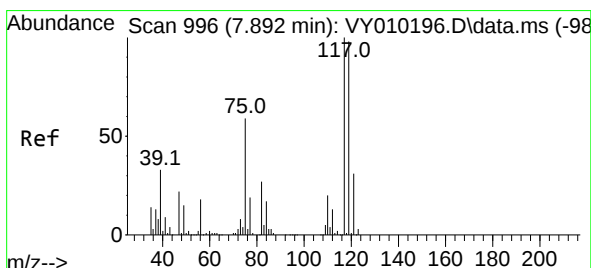
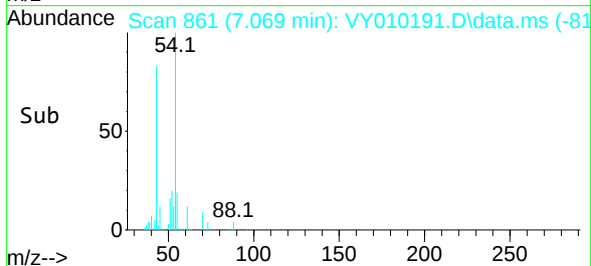
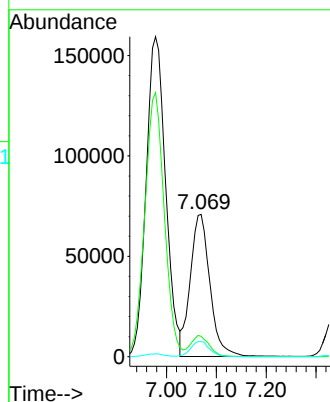
Tgt Ion: 43 Resp: 193176

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 10.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 115.189 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

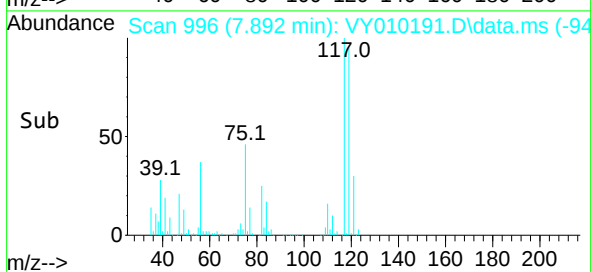
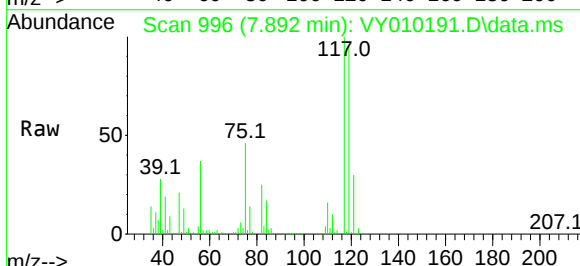
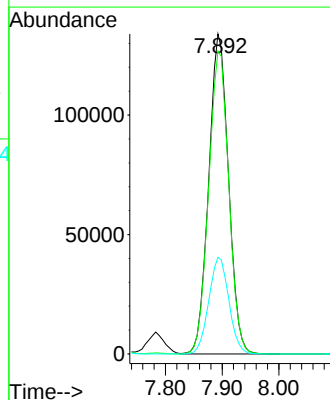
Tgt Ion: 117 Resp: 324270

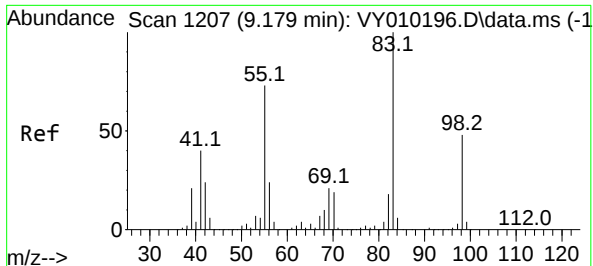
Ion Ratio Lower Upper

117 100

119 94.7 77.9 116.9

121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 123.173 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :

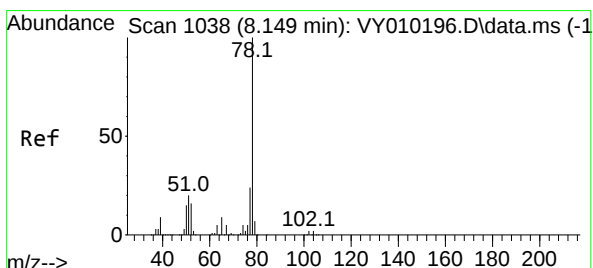
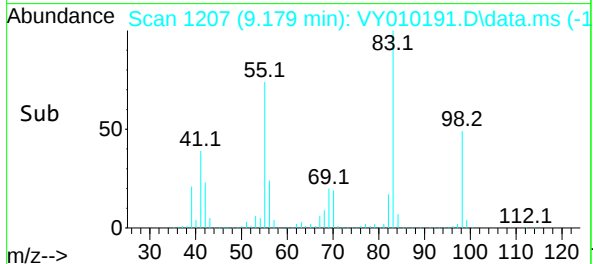
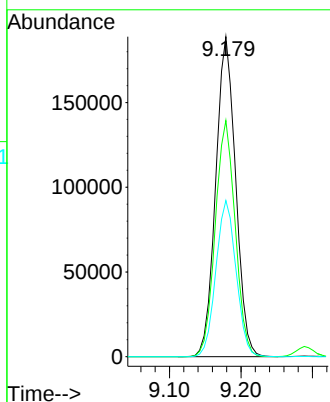
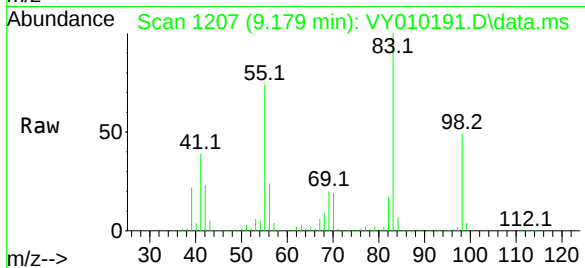
Tgt Ion: 83 Resp: 365509

Ion Ratio Lower Upper

83 100

55 73.8 66.5 99.7

98 48.8 37.9 56.9



#40

Benzene

Concen: 113.464 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010191.D

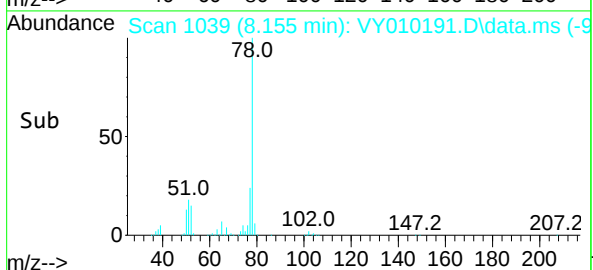
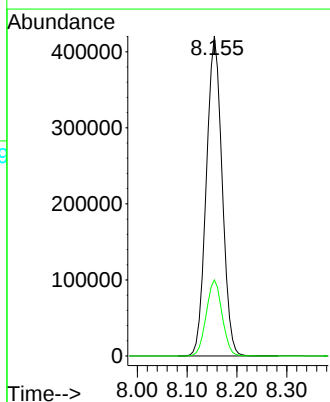
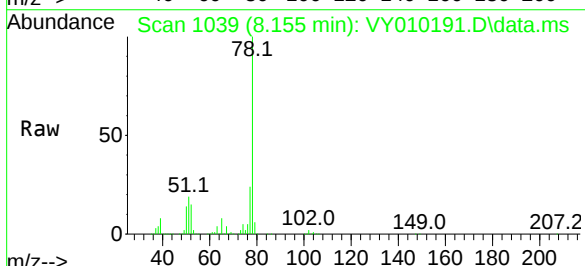
Acq: 24 Aug 2022 12:08

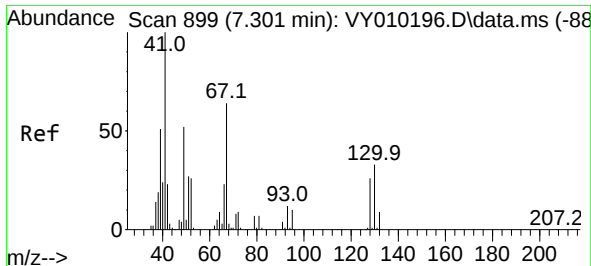
Tgt Ion: 78 Resp: 922601

Ion Ratio Lower Upper

78 100

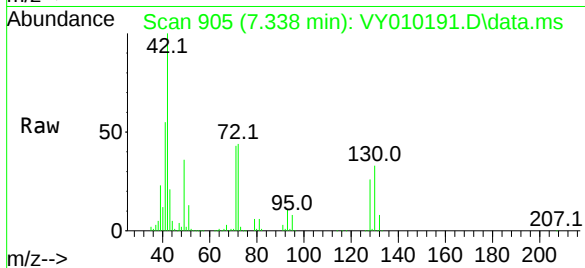
77 23.8 20.4 30.6



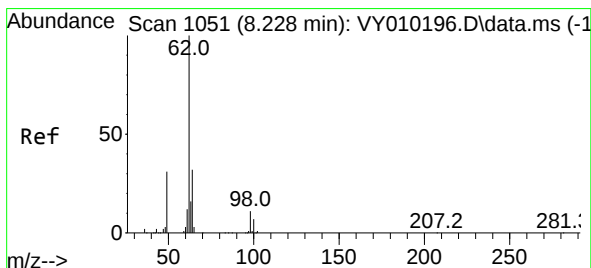
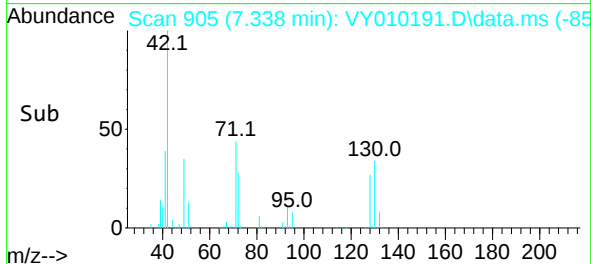
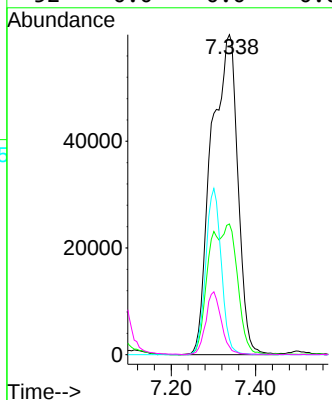


#41
Methacrylonitrile
Concen: 193.855 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Instrument :
MSVOA_Y
ClientSampleId :

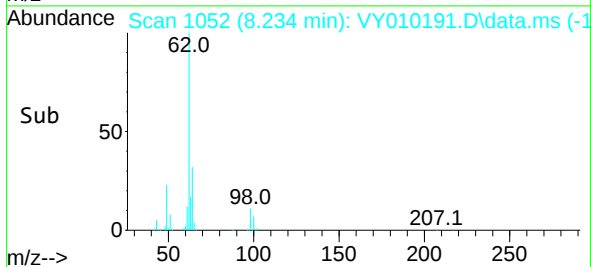
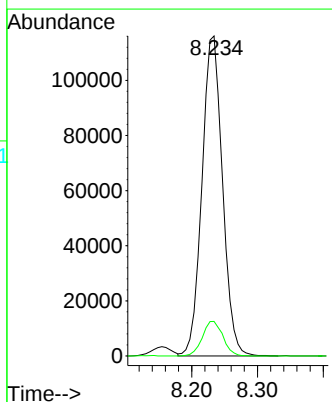
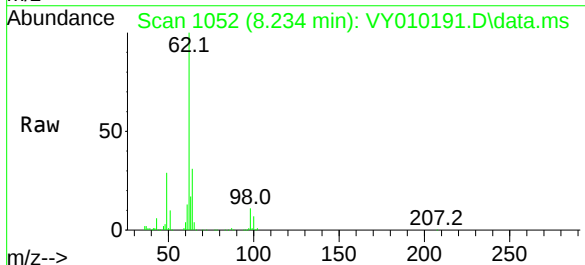


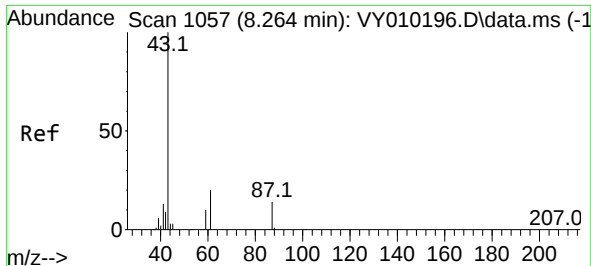
Tgt Ion: 41 Resp: 259208
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 111.838 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

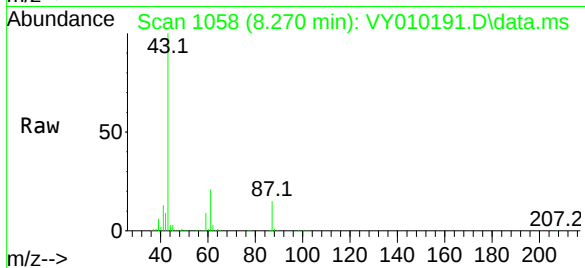
Tgt Ion: 62 Resp: 252313
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8



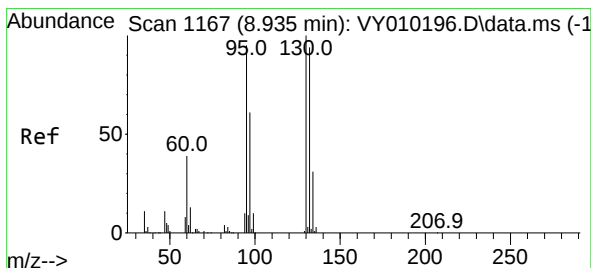
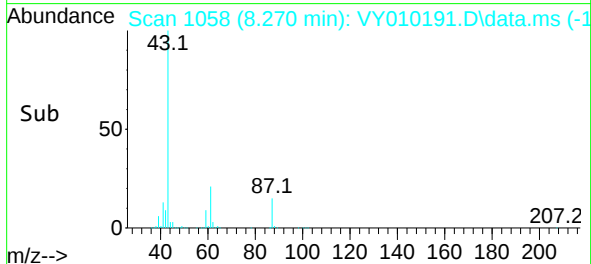
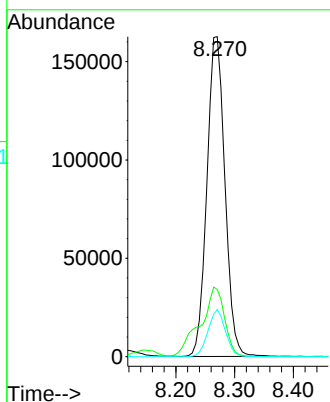


#43
Isopropyl Acetate
Concen: 117.329 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Instrument :
MSVOA_Y
ClientSampleId :

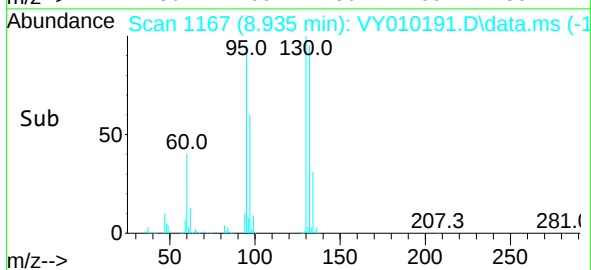
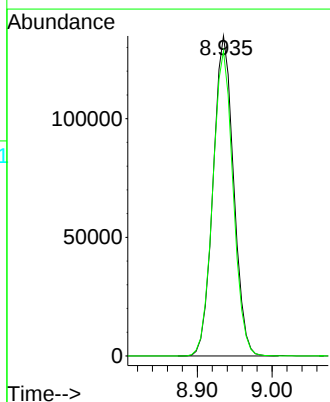
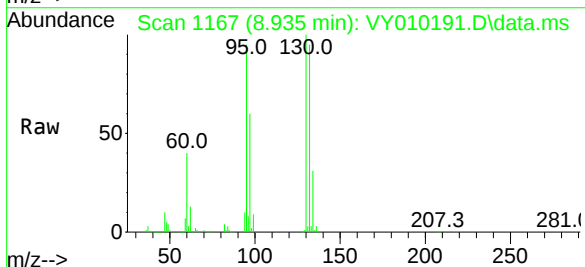


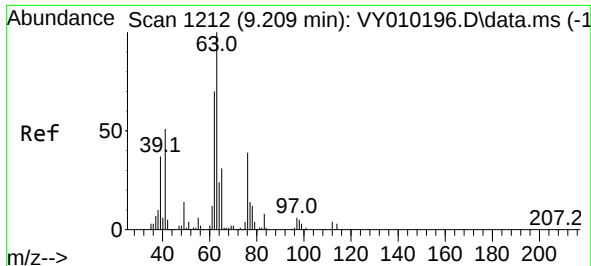
Tgt Ion: 43 Resp: 346176
Ion Ratio Lower Upper
43 100
61 29.4 20.2 30.2
87 14.2 8.9 13.3#



#44
Trichloroethene
Concen: 114.419 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion:130 Resp: 256773
Ion Ratio Lower Upper
130 100
95 95.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 109.834 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

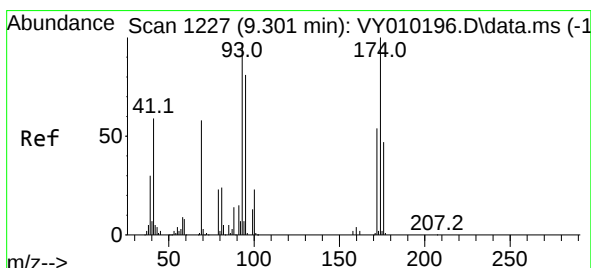
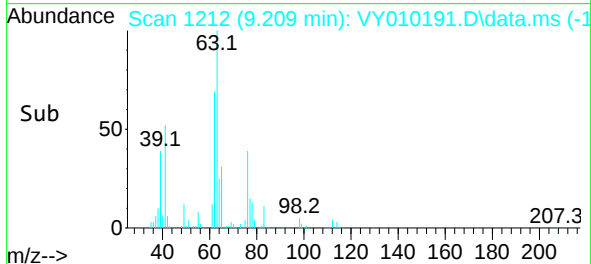
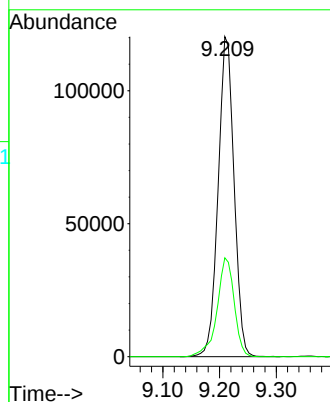
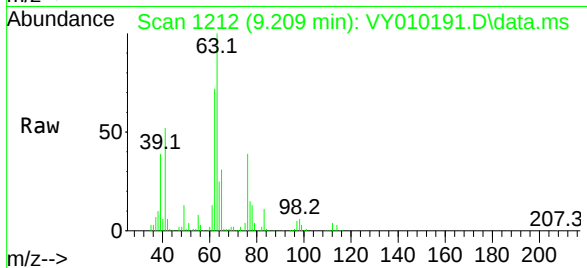
ClientSampleId :

Tgt Ion: 63 Resp: 234439

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 114.246 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

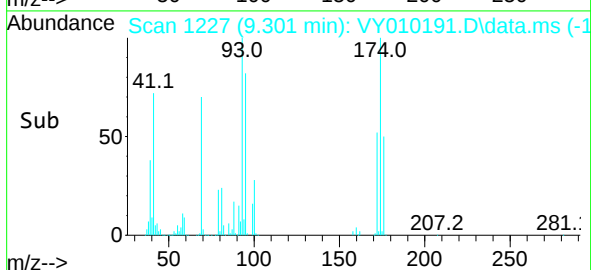
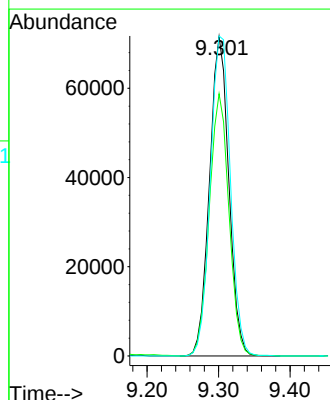
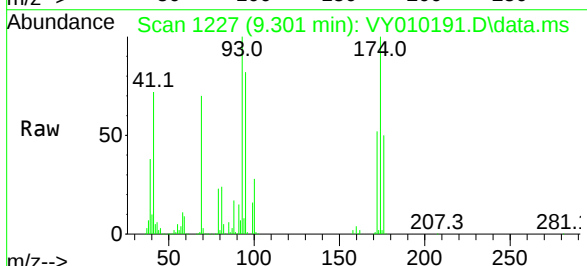
Tgt Ion: 93 Resp: 134486

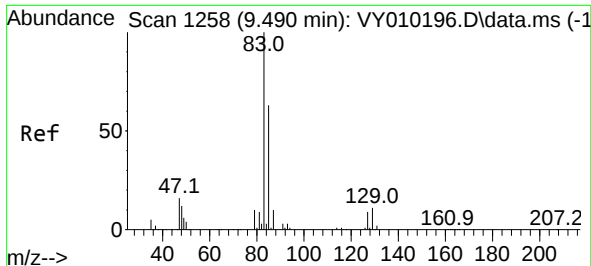
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 104.1 83.4 125.0

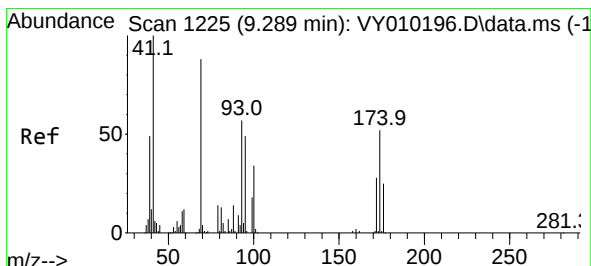
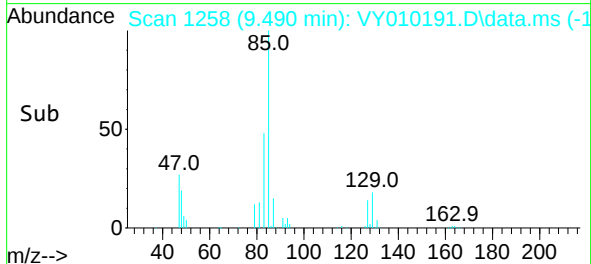
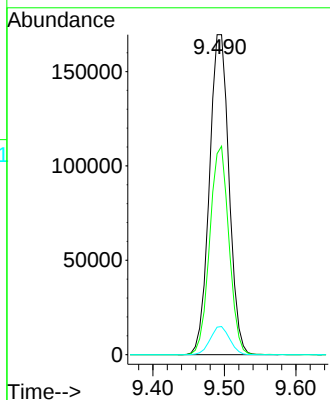
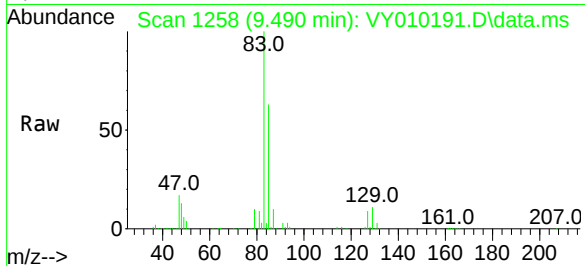




#47
Bromodichloromethane
Concen: 111.466 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

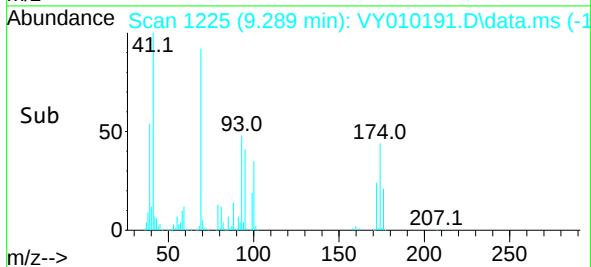
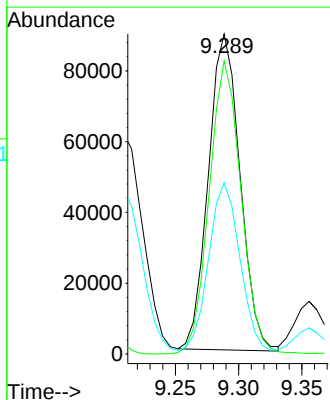
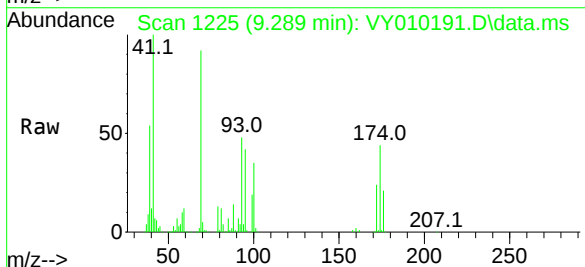
Instrument :
MSVOA_Y
ClientSampleId :

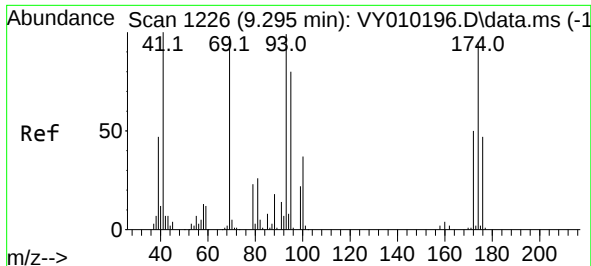
Tgt Ion: 83 Resp: 322805
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 122.244 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 41 Resp: 155459
Ion Ratio Lower Upper
41 100
69 93.4 58.2 87.2#
39 54.3 47.4 71.0





#49

1,4-Dioxane

Concen: 2628.097 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

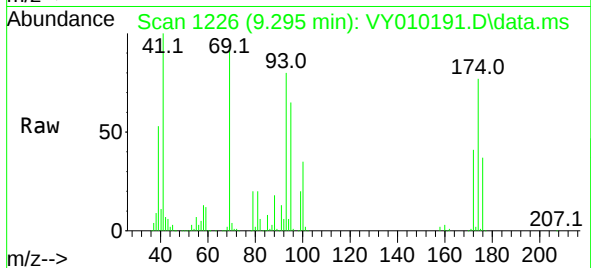
Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

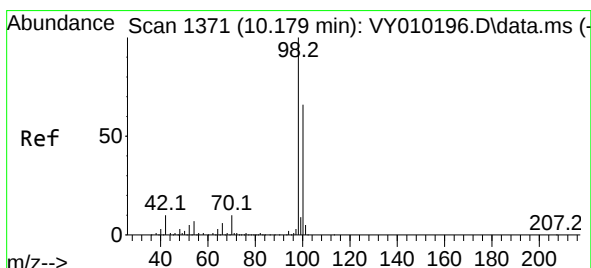
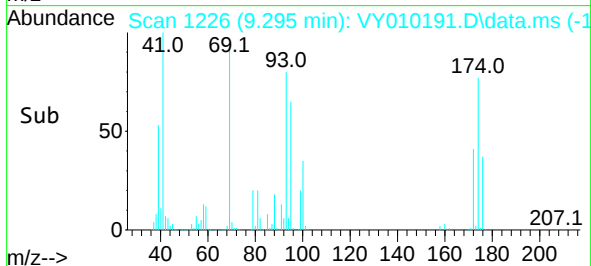
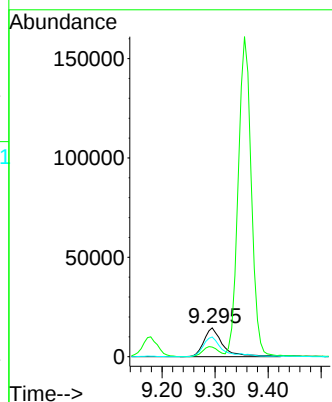
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	35980
Ion	Ratio	Lower	Upper
88	100		
43	29.1	32.8	49.2#
58	63.2	59.8	89.6



#50

Toluene-d8

Concen: 98.025 ug/l

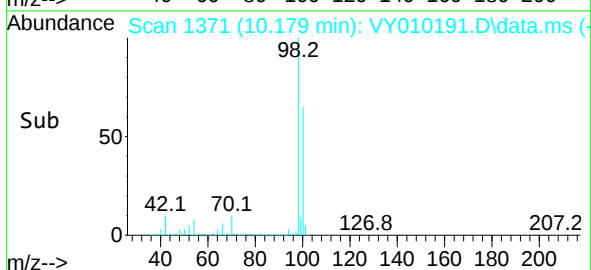
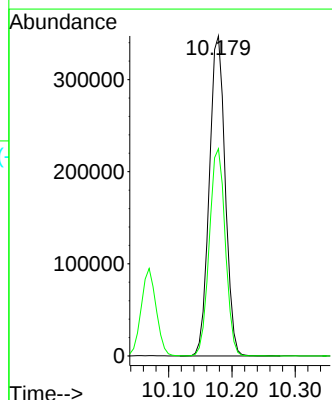
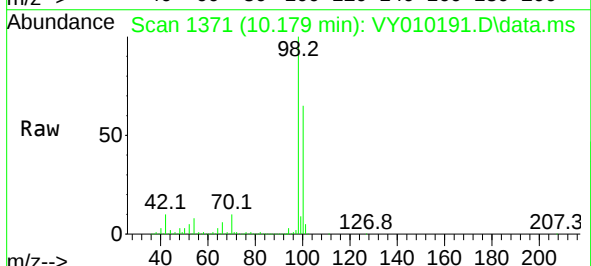
RT: 10.179 min Scan# 1371

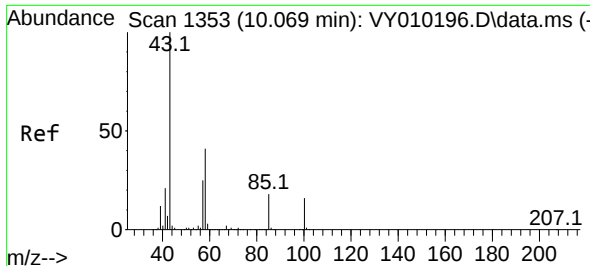
Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Tgt Ion:	98	Resp:	605374
Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.2	75.2





#51

4-Methyl-2-Pentanone

Concen: 591.017 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

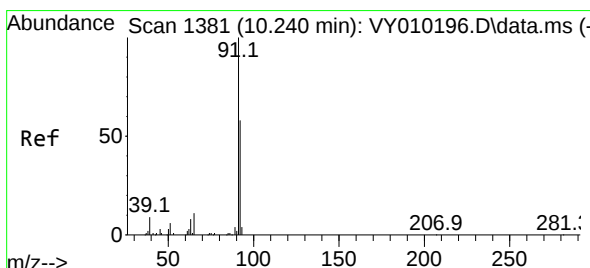
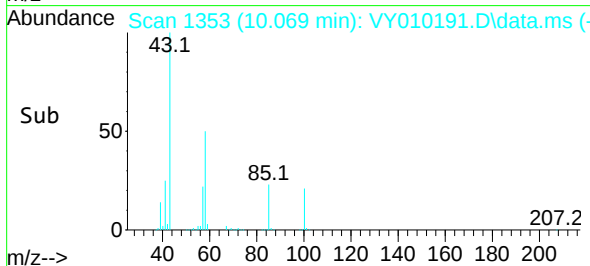
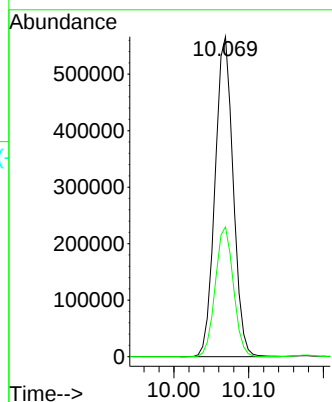
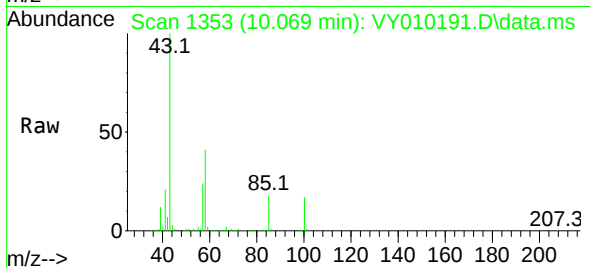
ClientSampleId :

Tgt Ion: 43 Resp: 954956

Ion Ratio Lower Upper

43 100

58 40.6 28.1 42.1



#52

Toluene

Concen: 116.097 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY010191.D

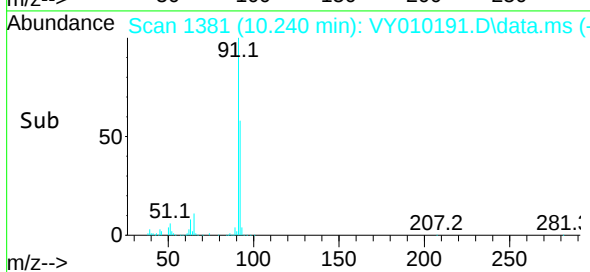
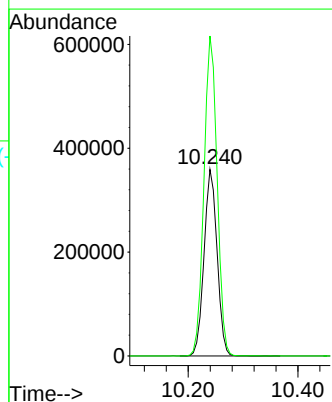
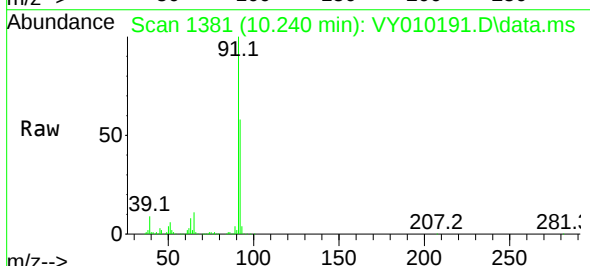
Acq: 24 Aug 2022 12:08

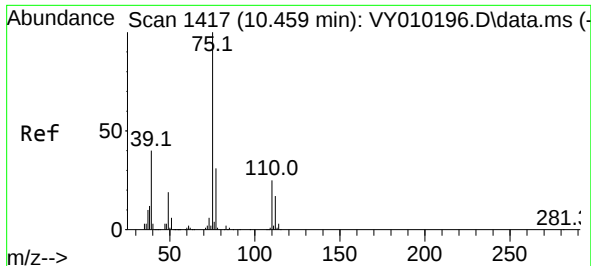
Tgt Ion: 92 Resp: 592226

Ion Ratio Lower Upper

92 100

91 173.4 142.6 213.8

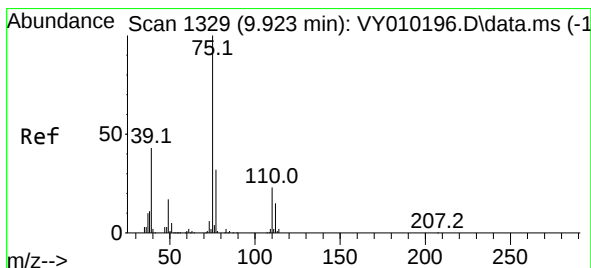
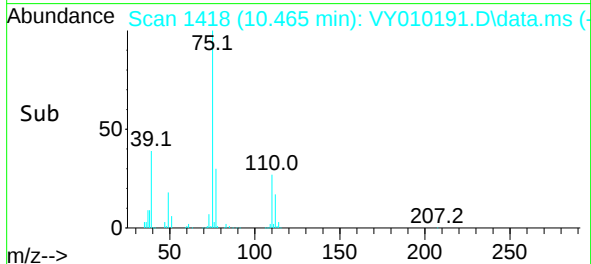
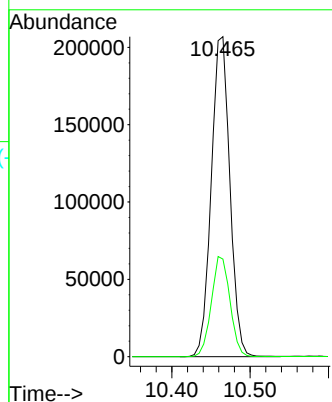
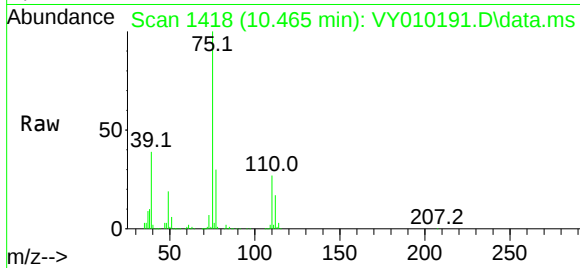




#53
 t-1,3-Dichloropropene
 Concen: 118.618 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

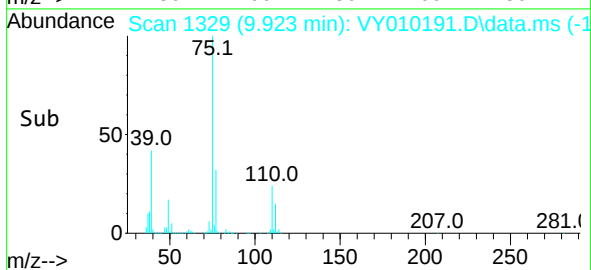
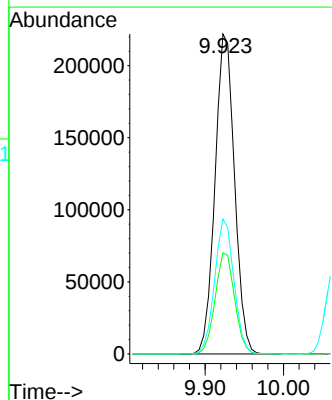
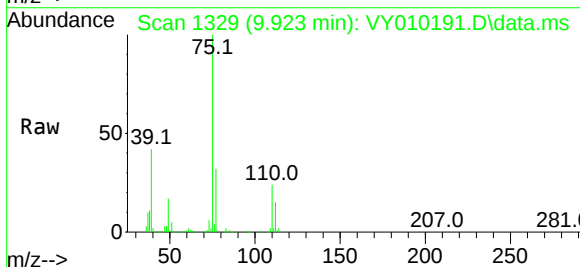
Instrument :
 MSVOA_Y
 ClientSampleId :

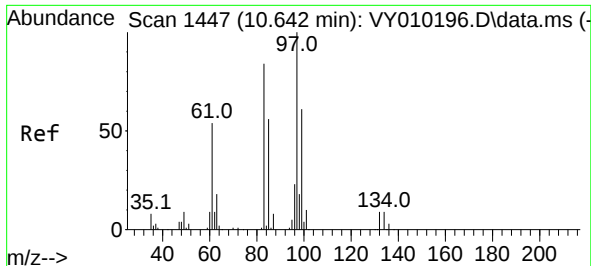
Tgt Ion: 75 Resp: 341192
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 115.422 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

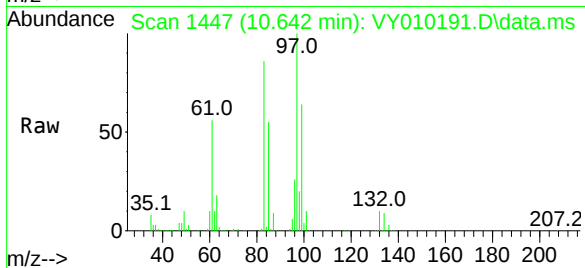
Tgt Ion: 75 Resp: 384440
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 42.2 47.6 71.4#



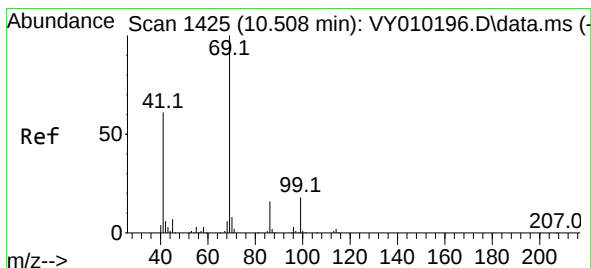
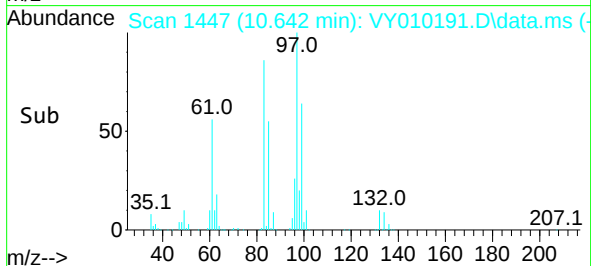
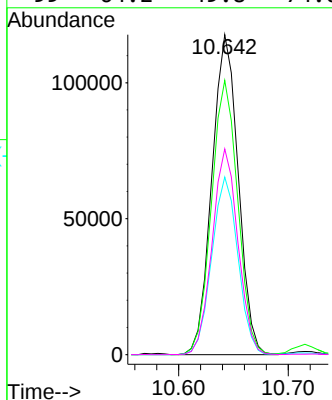


#55
1,1,2-Trichloroethane
Concen: 110.227 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Instrument :
MSVOA_Y
ClientSampleId :

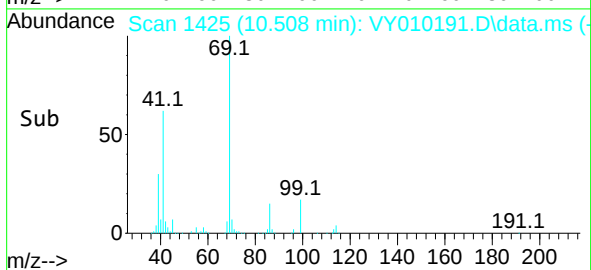
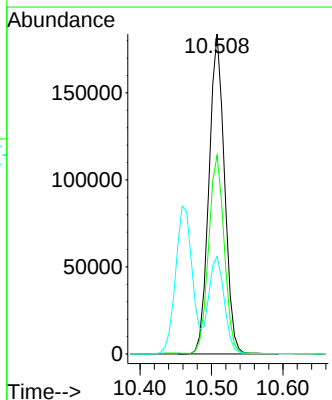
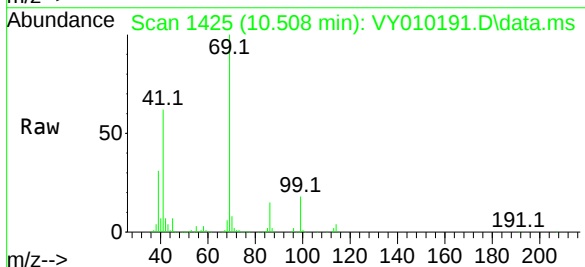


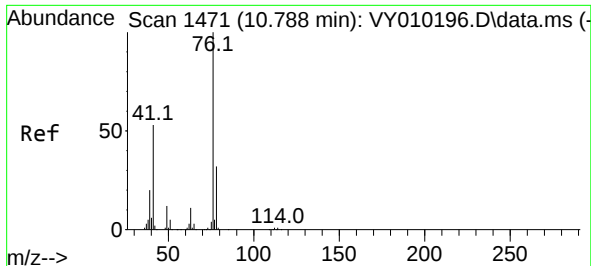
Tgt Ion:	97	Resp:	196538
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.8	104.8
85	55.4	44.3	66.5
99	64.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 126.561 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion:	69	Resp:	277018
Ion	Ratio	Lower	Upper
69	100		
41	62.2	63.4	95.0#
39	31.3	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 113.552 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

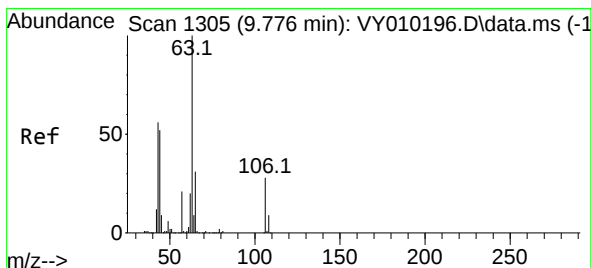
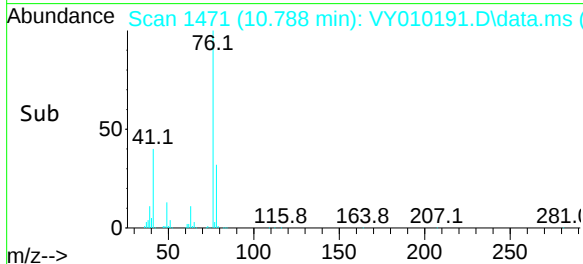
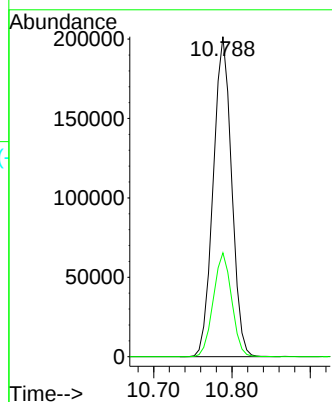
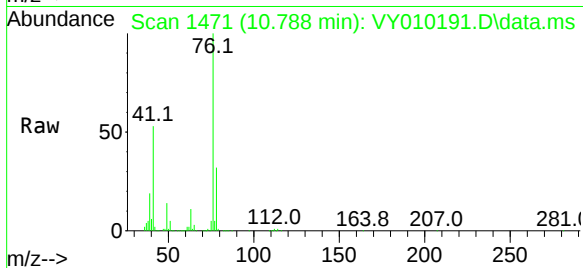
ClientSampleId :

Tgt Ion: 76 Resp: 328898

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 488.230 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY010191.D

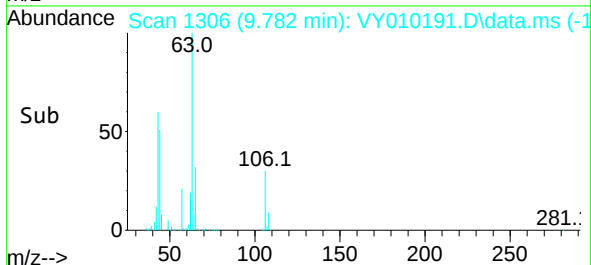
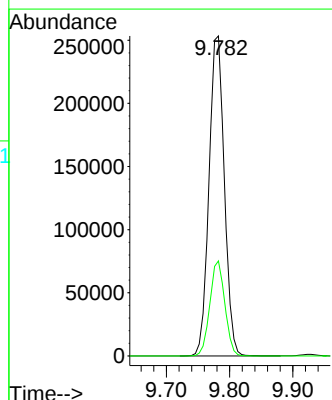
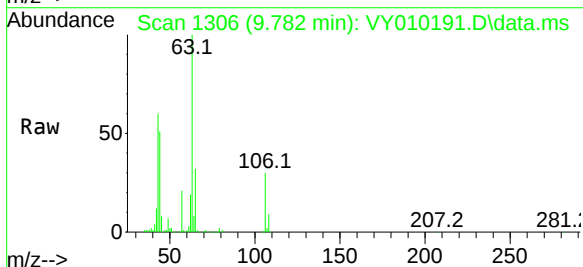
Acq: 24 Aug 2022 12:08

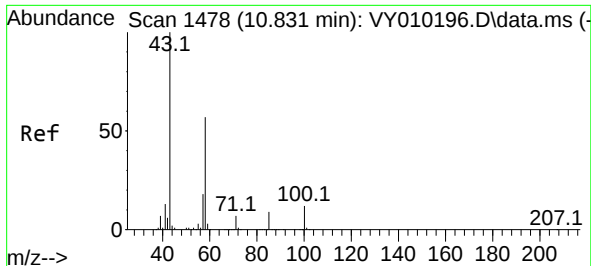
Tgt Ion: 63 Resp: 427540

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

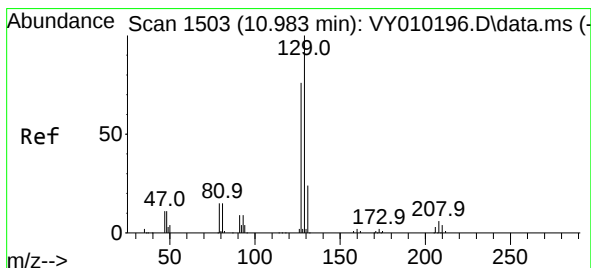
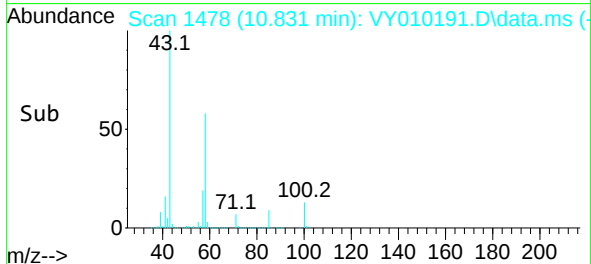
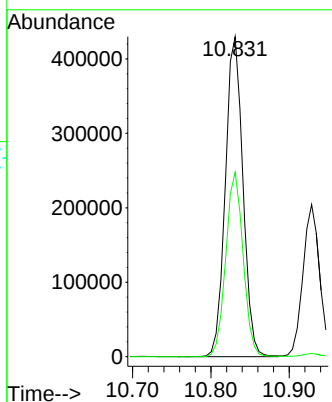
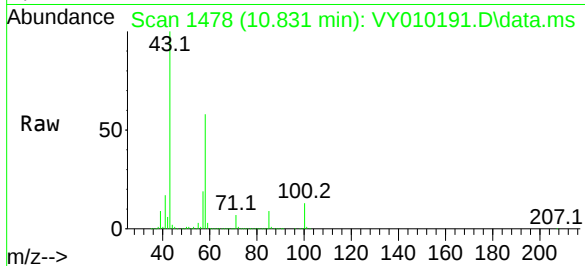




#59
2-Hexanone
Concen: 612.101 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

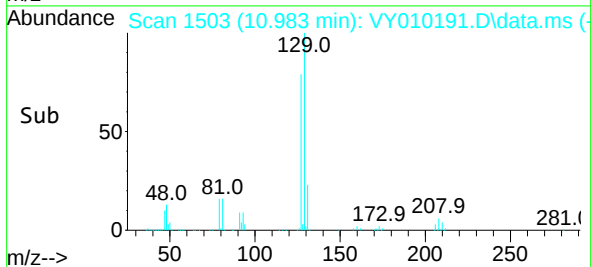
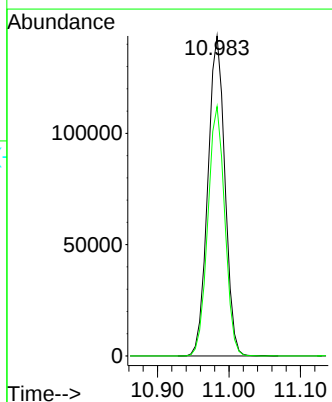
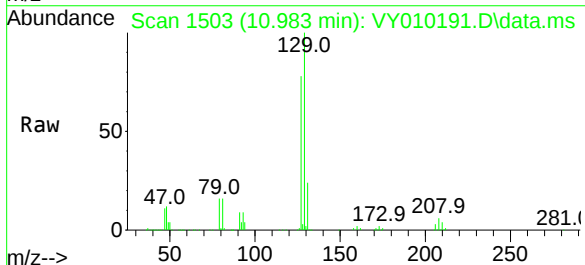
Instrument :
MSVOA_Y
ClientSampleId :

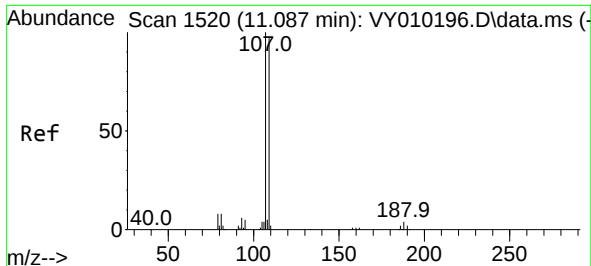
Tgt Ion: 43 Resp: 669523
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4



#60
Dibromochloromethane
Concen: 113.188 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 129 Resp: 238165
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

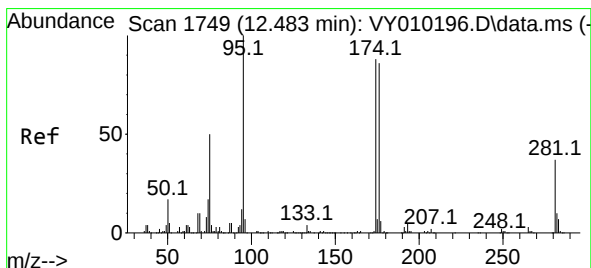
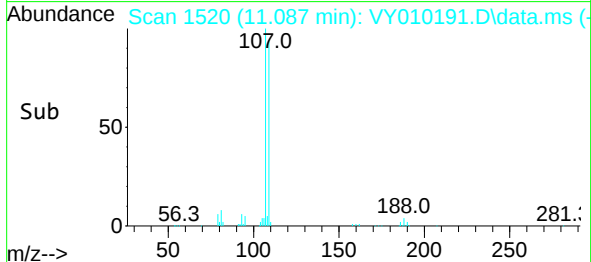
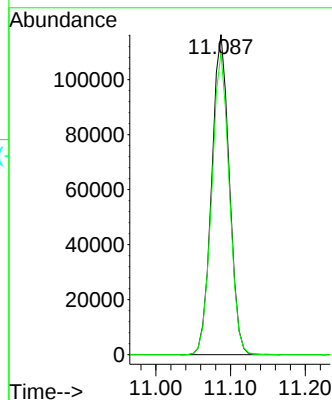
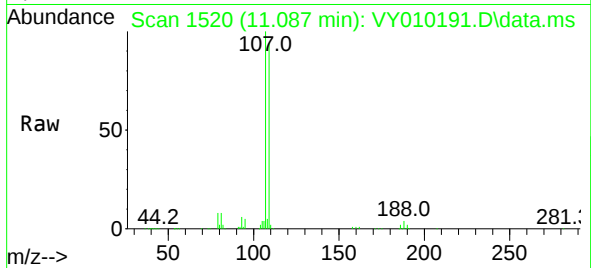




#61
1,2-Dibromoethane
Concen: 115.706 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

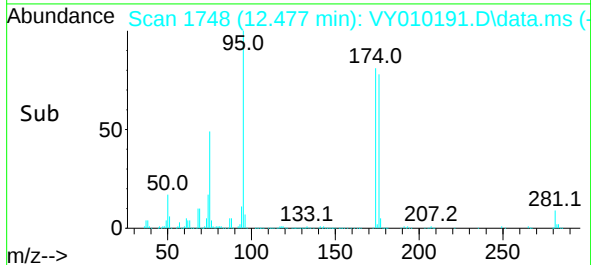
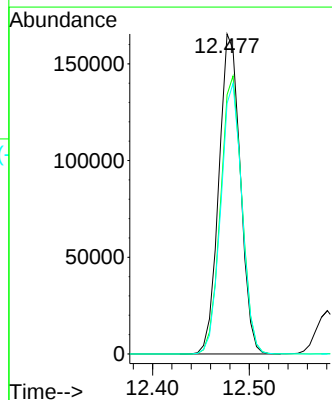
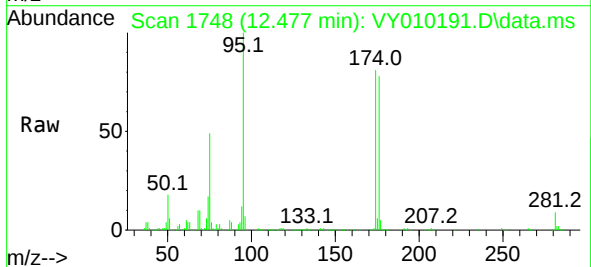
Instrument :
MSVOA_Y
ClientSampleId :

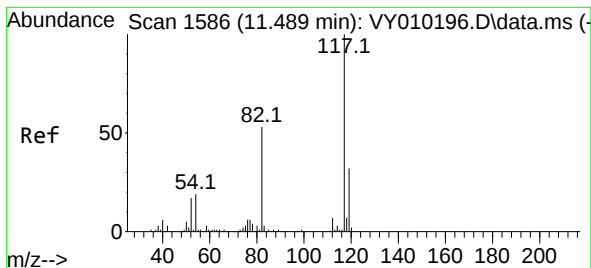
Tgt Ion:107 Resp: 190151
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 106.861 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 95 Resp: 253933
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 83.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

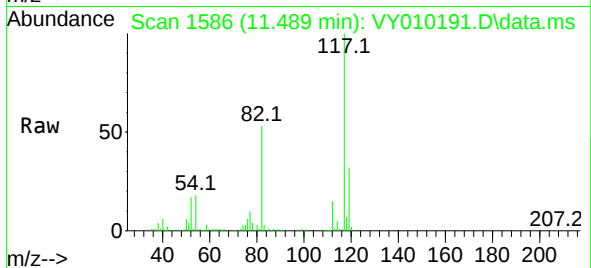
Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :



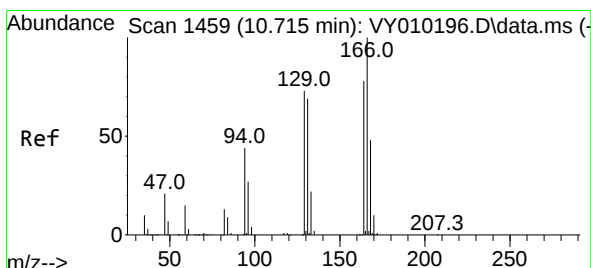
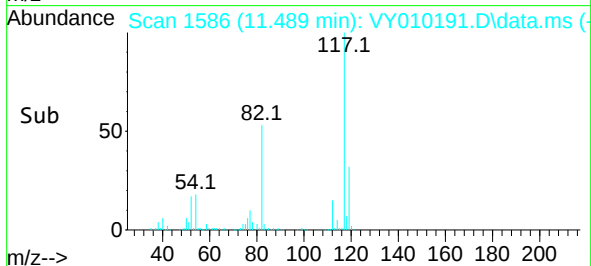
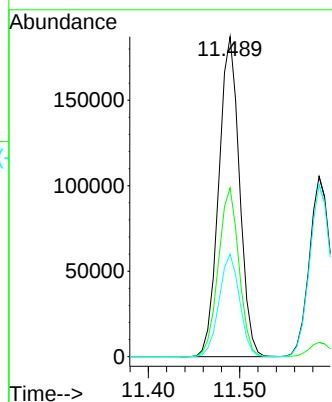
Tgt Ion:117 Resp: 294692

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 113.882 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Tgt Ion:164 Resp: 247046

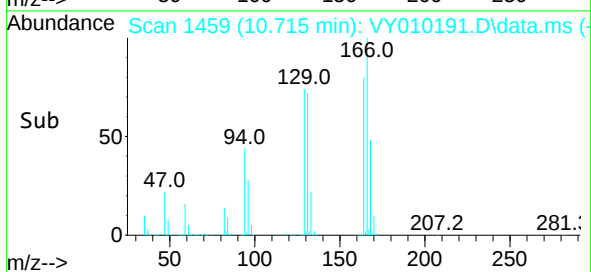
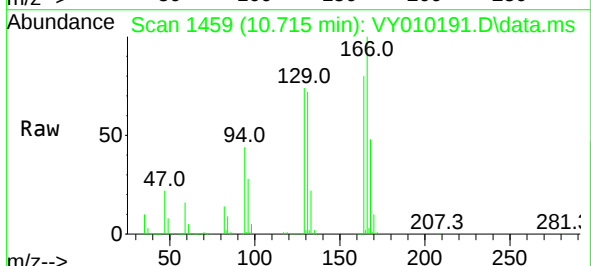
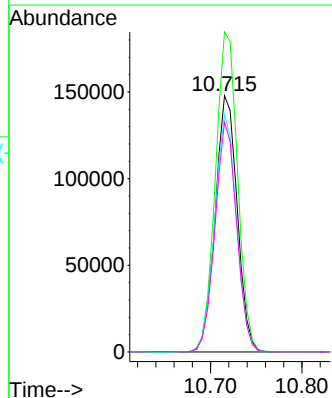
Ion Ratio Lower Upper

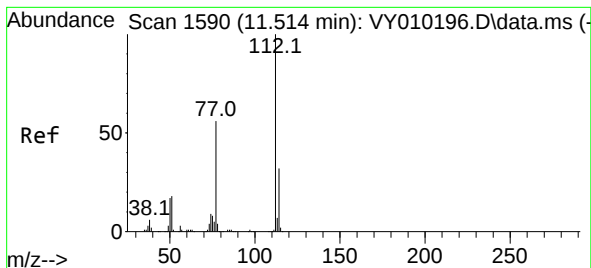
164 100

166 124.8 100.4 150.6

129 92.8 71.4 107.0

131 89.7 70.8 106.2





#65

Chlorobenzene

Concen: 112.545 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

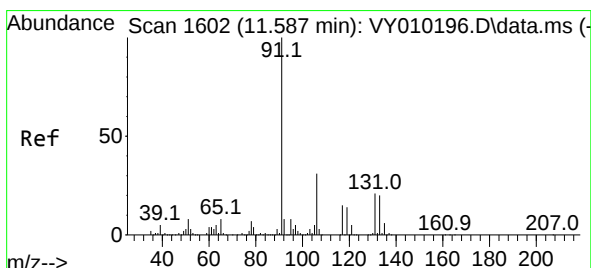
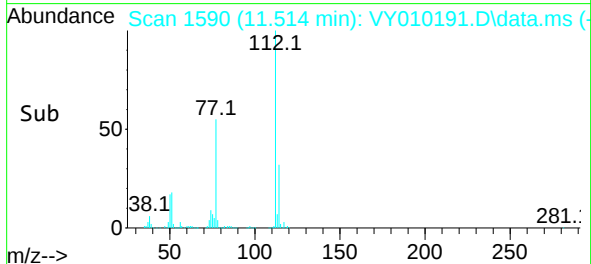
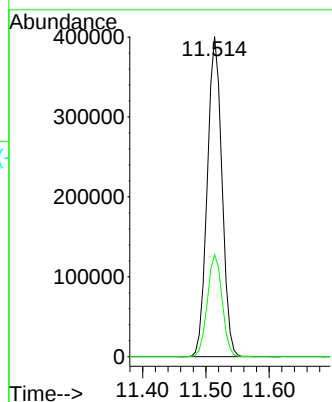
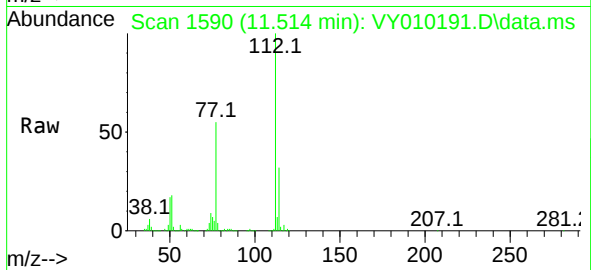
ClientSampleId :

Tgt Ion:112 Resp: 645445

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 112.010 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

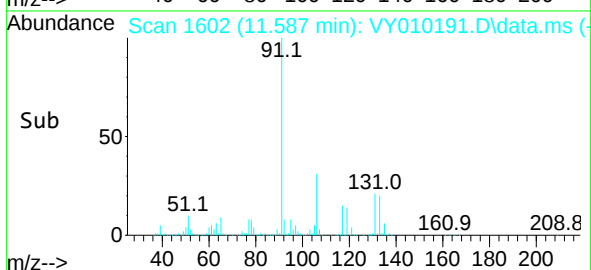
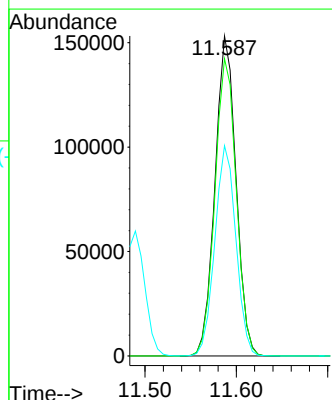
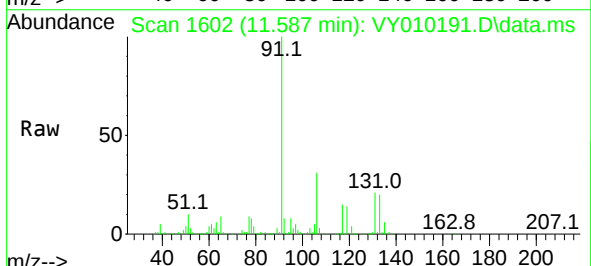
Tgt Ion:131 Resp: 244584

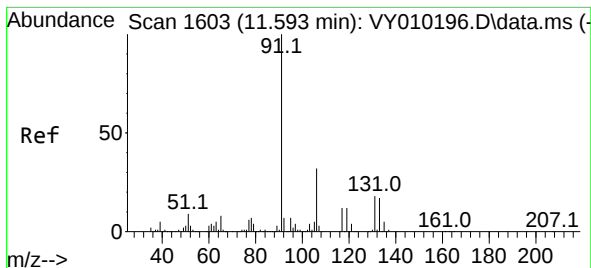
Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

119 65.9 30.8 92.3





#67

Ethyl Benzene

Concen: 117.491 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

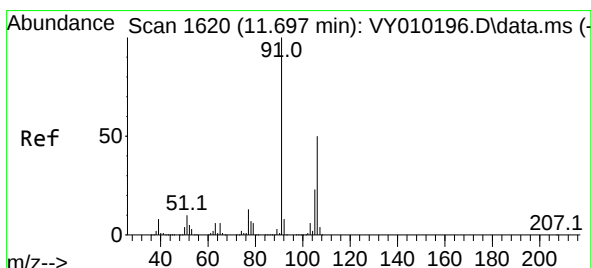
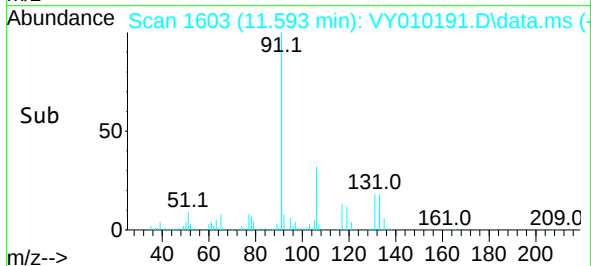
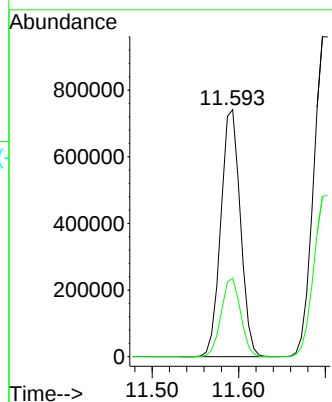
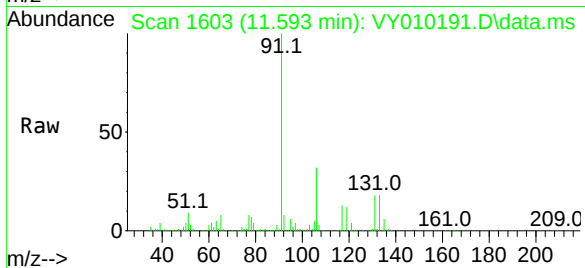
ClientSampleId :

Tgt Ion: 91 Resp: 1161985

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 237.005 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010191.D

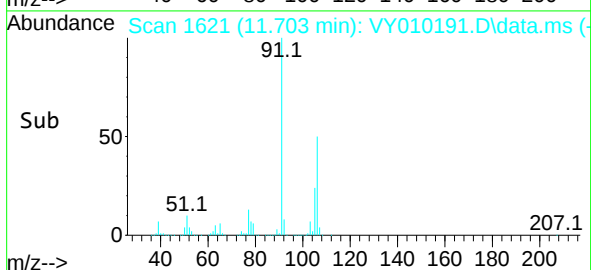
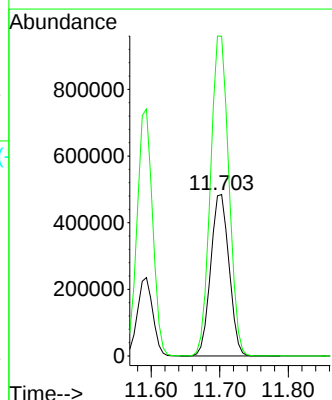
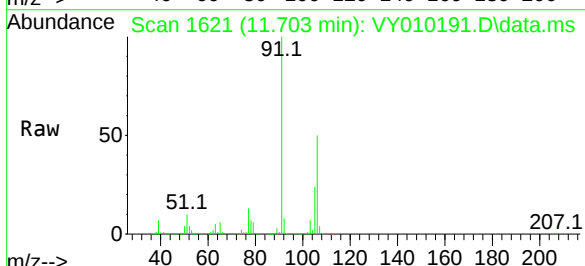
Acq: 24 Aug 2022 12:08

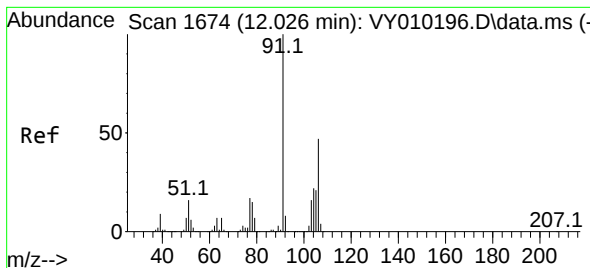
Tgt Ion:106 Resp: 900351

Ion Ratio Lower Upper

106 100

91 198.7 166.6 249.8





#69

o-Xylene

Concen: 117.877 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

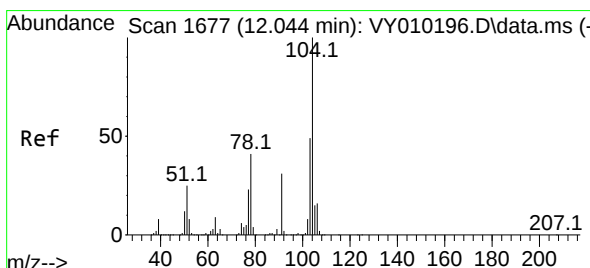
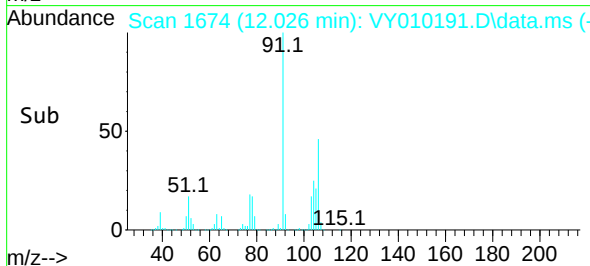
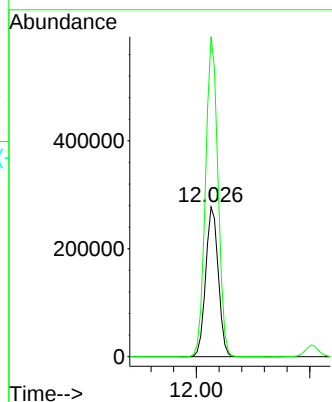
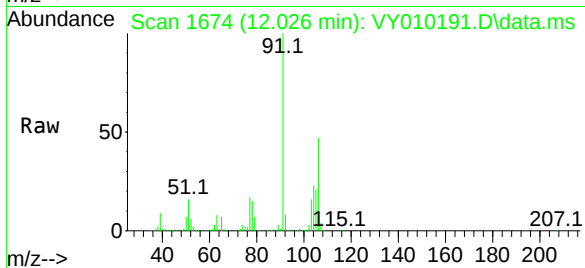
ClientSampleId :

Tgt Ion:106 Resp: 427083

Ion Ratio Lower Upper

106 100

91 211.9 110.3 331.0



#70

Styrene

Concen: 119.434 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

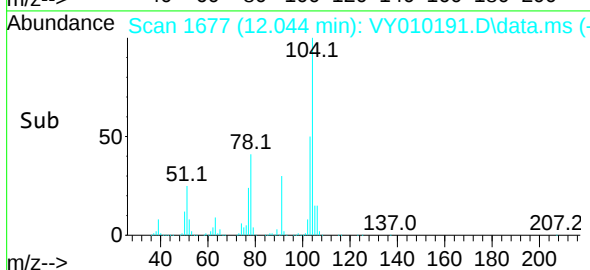
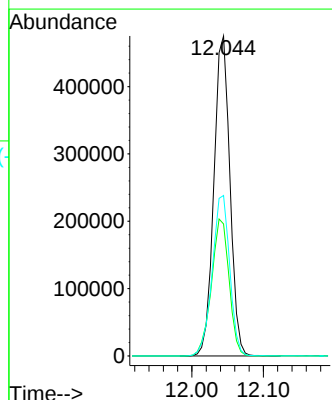
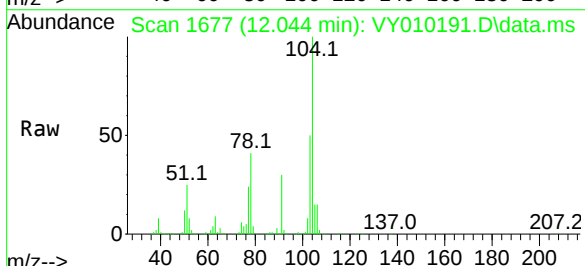
Tgt Ion:104 Resp: 740947

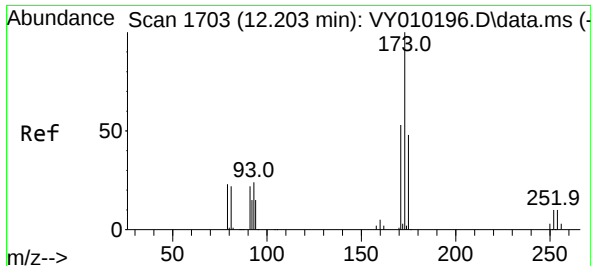
Ion Ratio Lower Upper

104 100

78 47.1 42.4 63.6

103 54.8 44.4 66.6

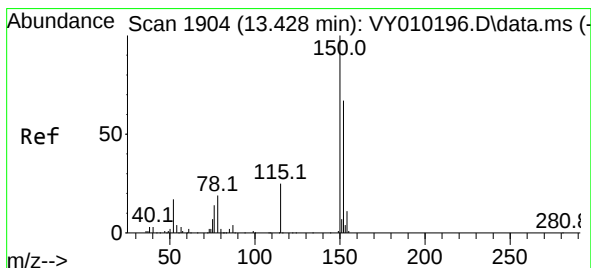
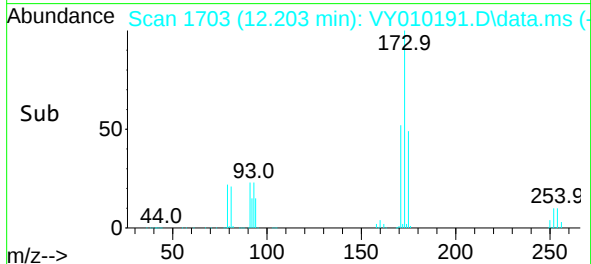
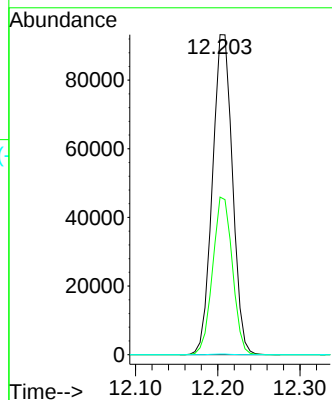
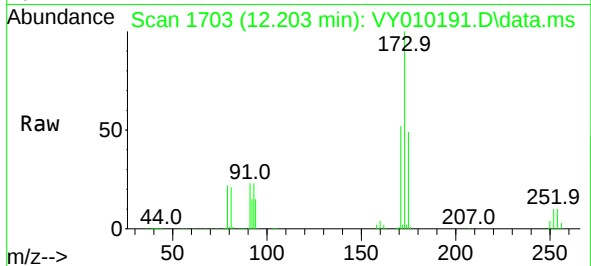




#71
Bromoform
Concen: 114.837 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

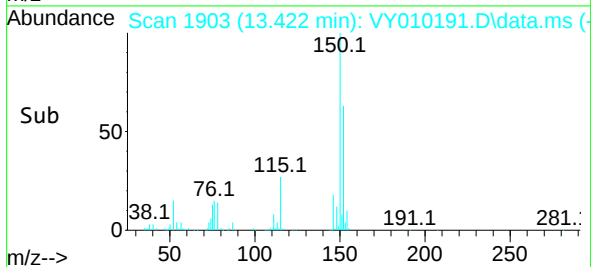
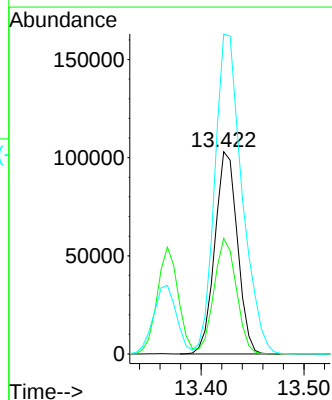
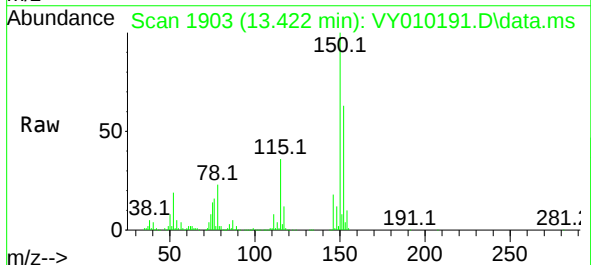
Instrument :
MSVOA_Y
ClientSampleId :

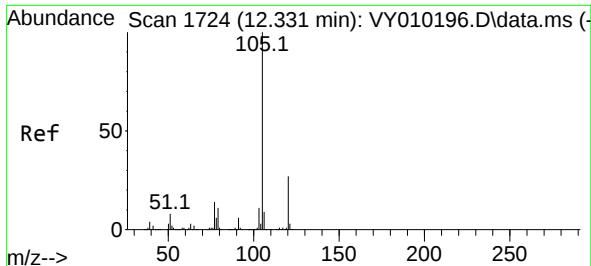
Tgt Ion:173 Resp: 157935
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

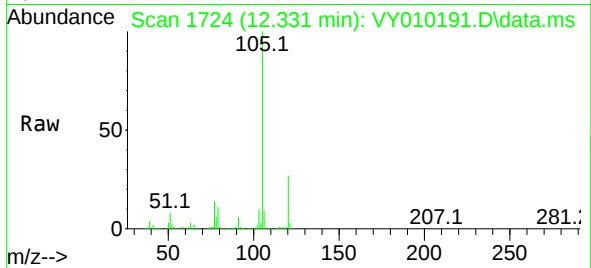
Tgt Ion:152 Resp: 157085
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 191.0 0.0 347.6



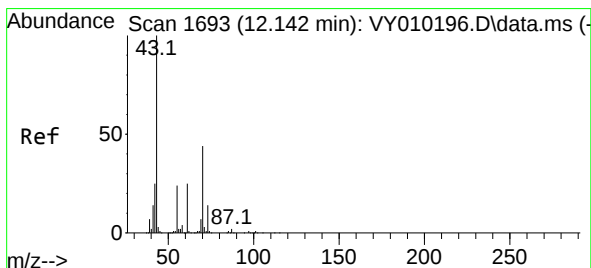
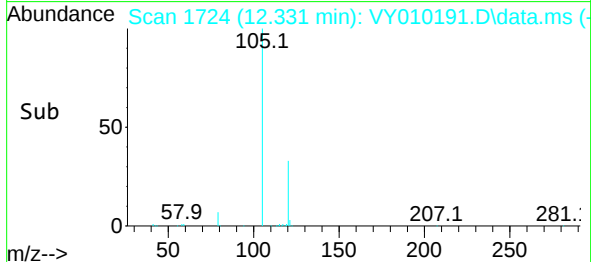
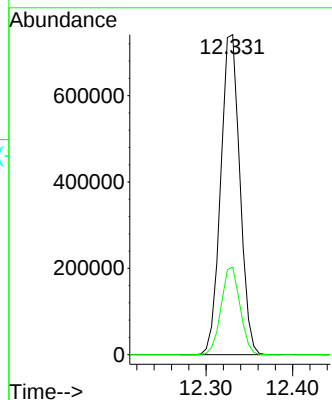


#73
Isopropylbenzene
Concen: 117.227 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Instrument :
MSVOA_Y
ClientSampleId :

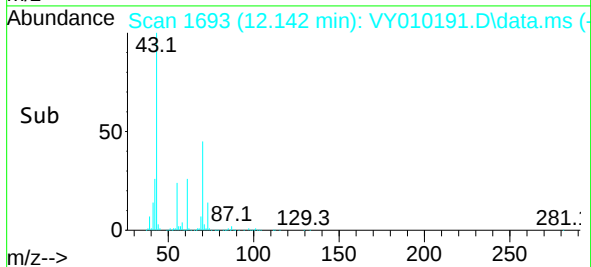
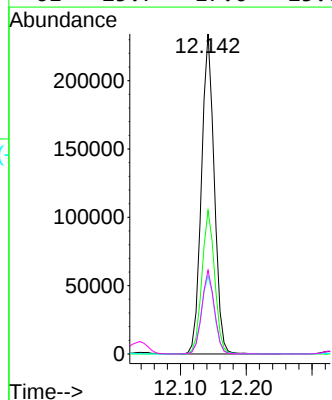
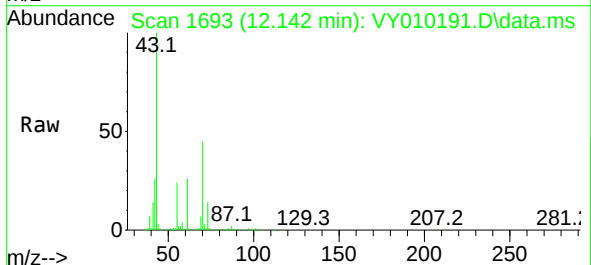


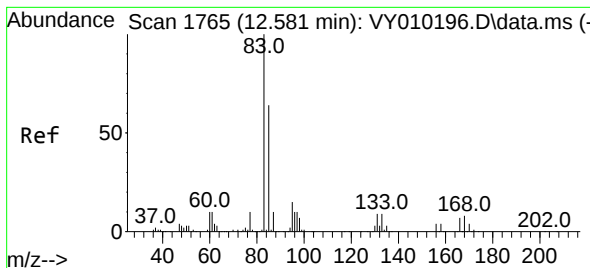
Tgt Ion:105 Resp: 1138598
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 119.710 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 43 Resp: 317153
Ion Ratio Lower Upper
43 100
70 44.7 28.7 43.1#
55 25.1 17.3 25.9
61 25.7 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 107.991 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :

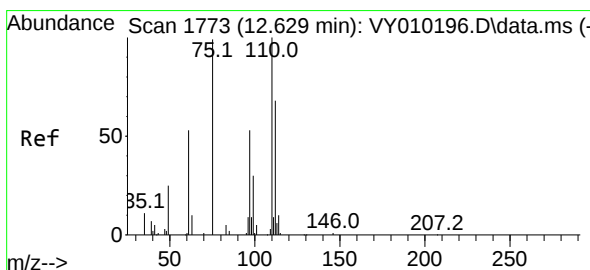
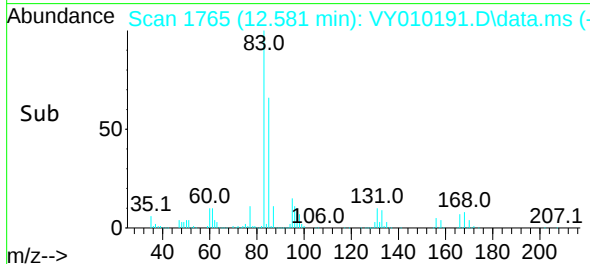
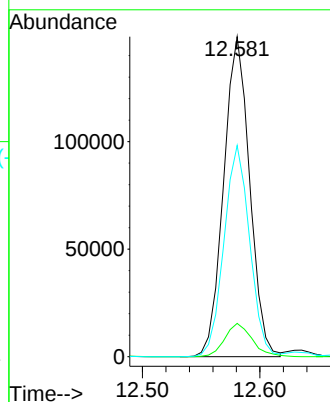
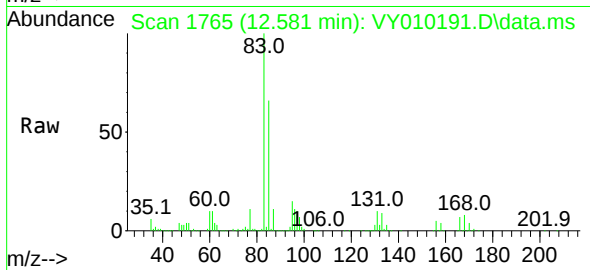
Tgt Ion: 83 Resp: 228962

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

85 65.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 129.397 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY010191.D

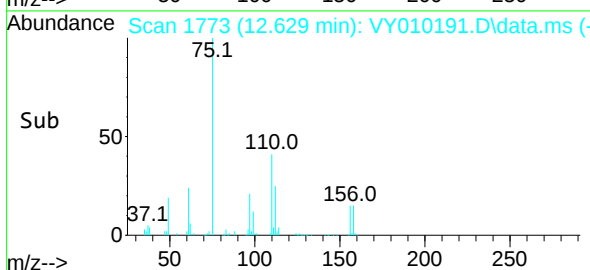
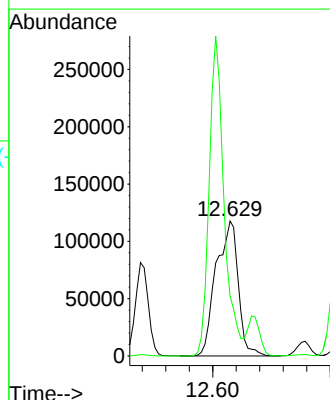
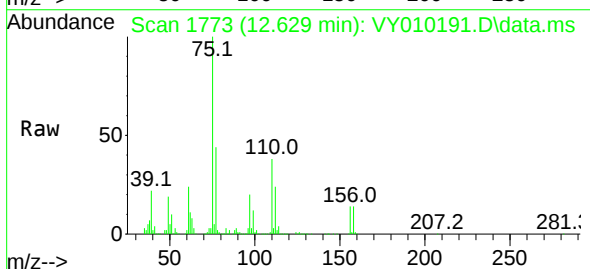
Acq: 24 Aug 2022 12:08

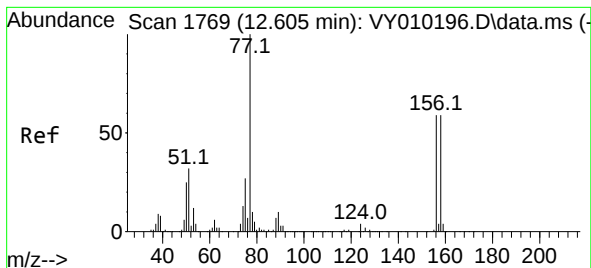
Tgt Ion: 75 Resp: 308315

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 113.678 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :

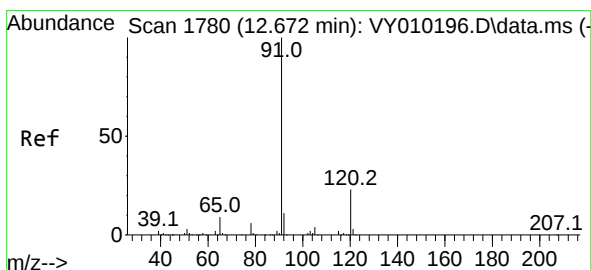
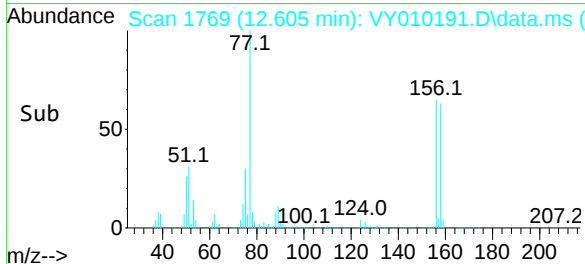
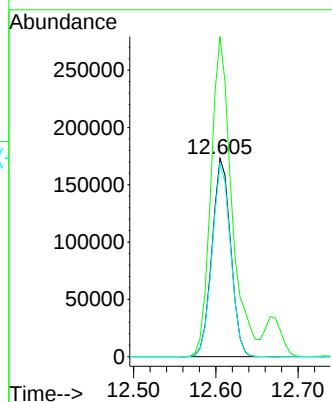
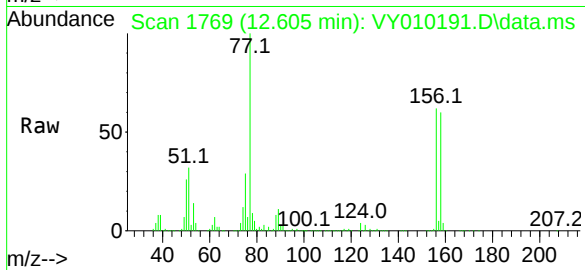
Tgt Ion:156 Resp: 271592

Ion Ratio Lower Upper

156 100

77 182.0 95.5 286.4

158 96.5 48.0 144.0



#78

n-propylbenzene

Concen: 114.636 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY010191.D

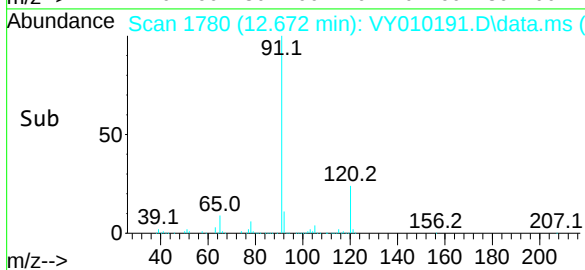
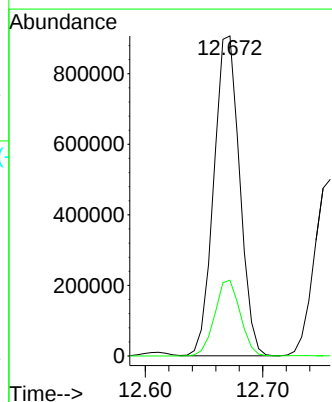
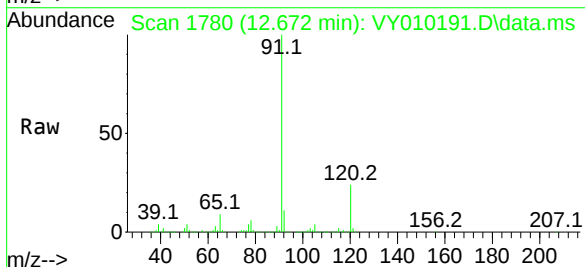
Acq: 24 Aug 2022 12:08

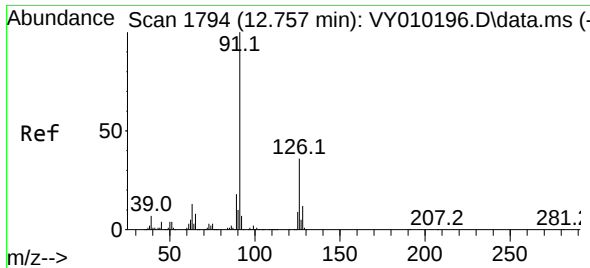
Tgt Ion: 91 Resp: 1384236

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9

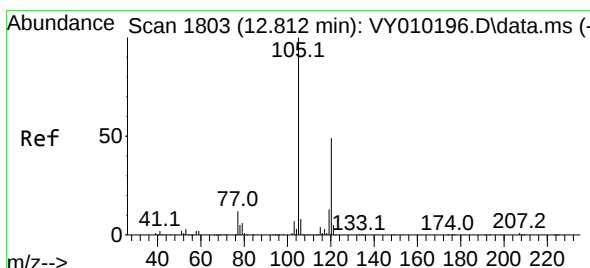
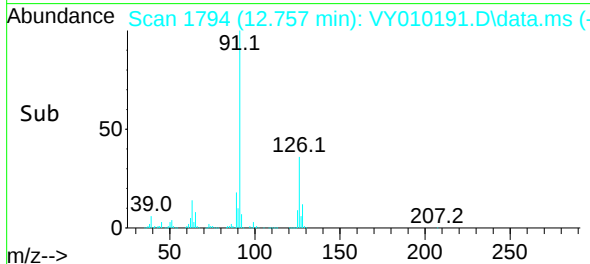
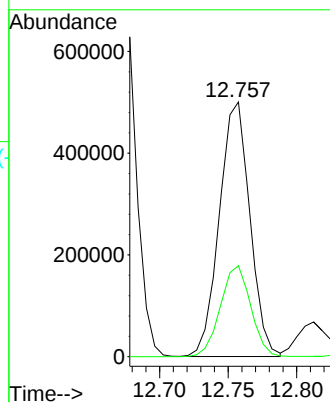
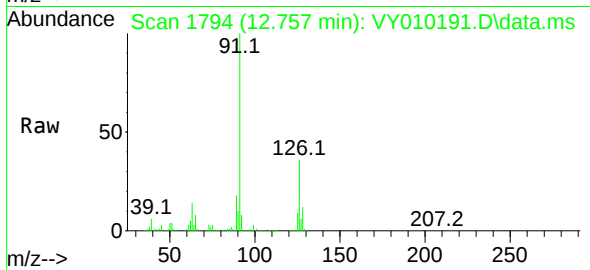




#79
2-Chlorotoluene
Concen: 114.194 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

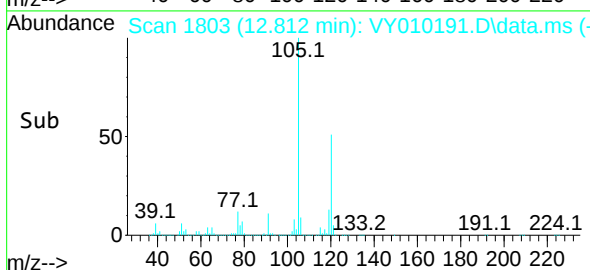
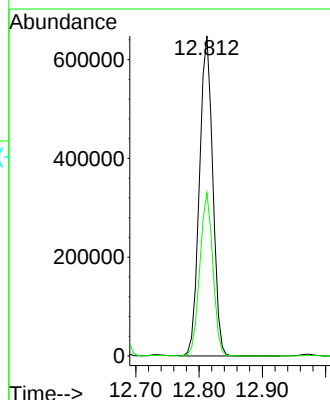
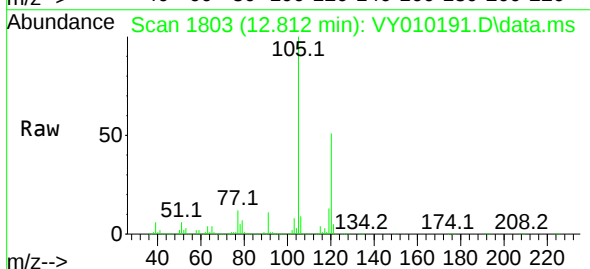
Instrument :
MSVOA_Y
ClientSampleId :

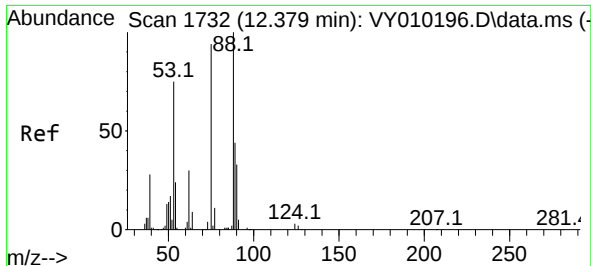
Tgt Ion: 91 Resp: 775533
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 115.360 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 105 Resp: 951291
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4

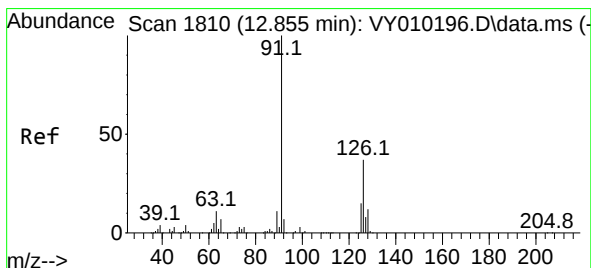
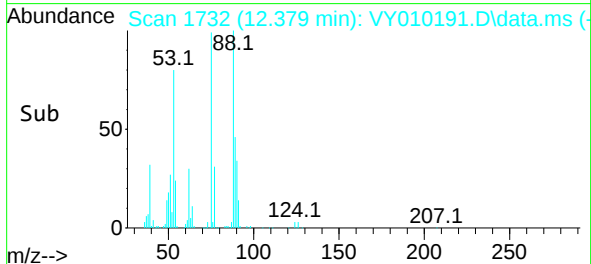
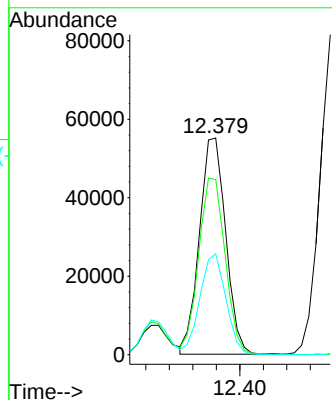
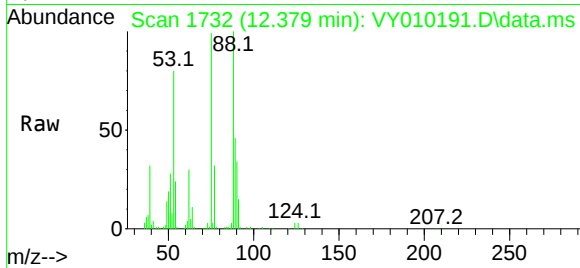




#81
trans-1,4-Dichloro-2-butene
Concen: 118.153 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

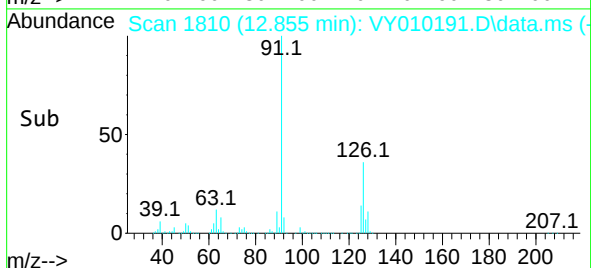
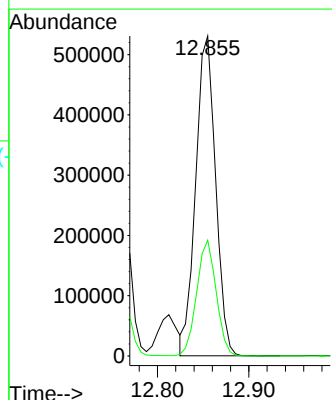
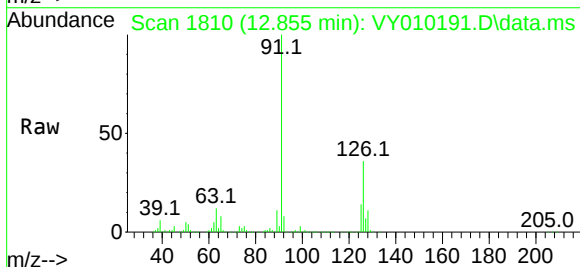
Instrument :
MSVOA_Y
ClientSampleId :

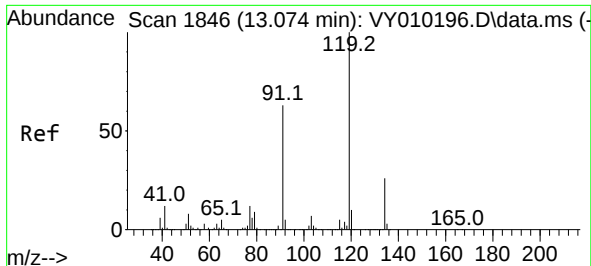
Tgt Ion: 75 Resp: 85645
Ion Ratio Lower Upper
75 100
53 83.1 85.3 127.9#
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 112.907 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion: 91 Resp: 801150
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0

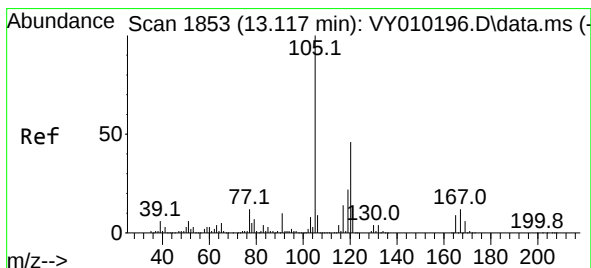
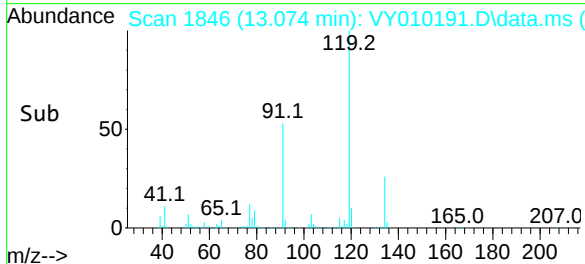
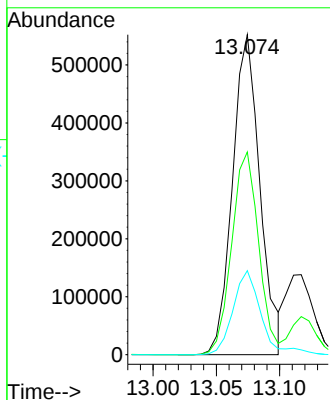
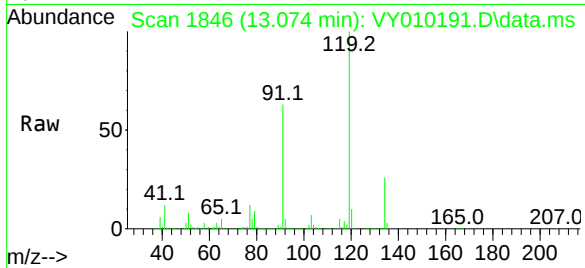




#83
tert-Butylbenzene
Concen: 117.945 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

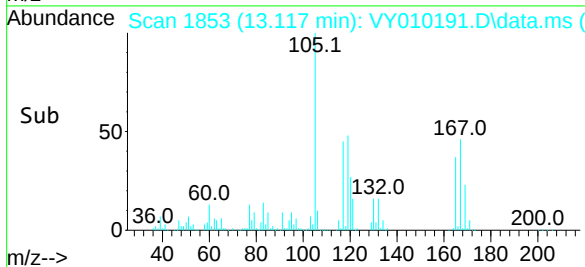
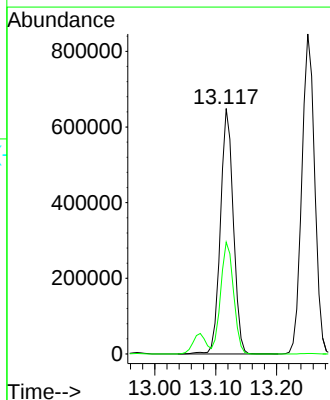
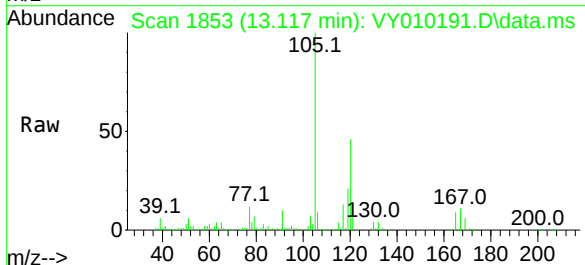
Instrument :
MSVOA_Y
ClientSampleId :

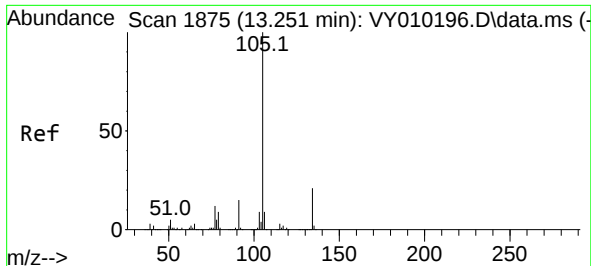
Tgt Ion:119 Resp: 836467
Ion Ratio Lower Upper
119 100
91 62.0 34.8 104.4
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 116.776 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010191.D
Acq: 24 Aug 2022 12:08

Tgt Ion:105 Resp: 952897
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9

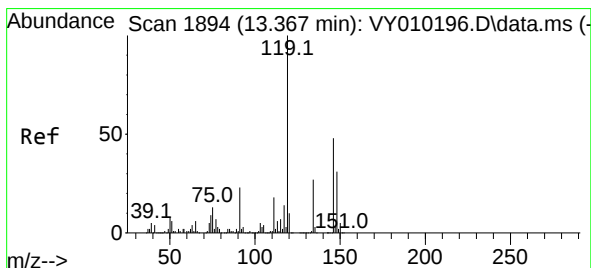
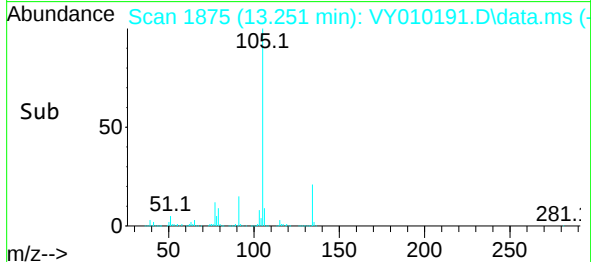
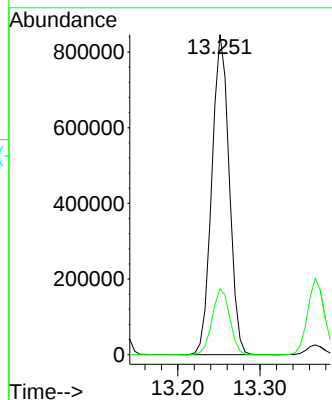
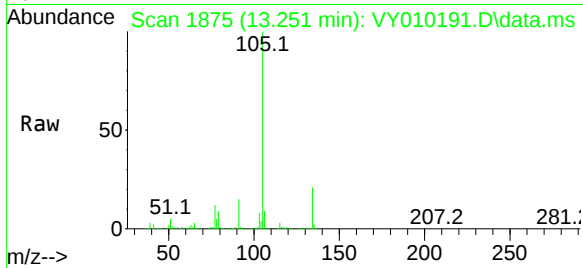




#85
 sec-Butylbenzene
 Concen: 114.331 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

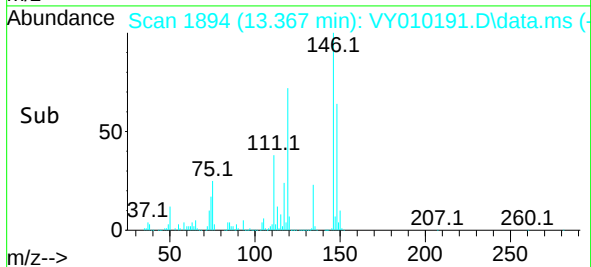
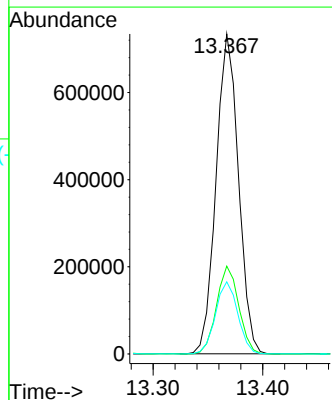
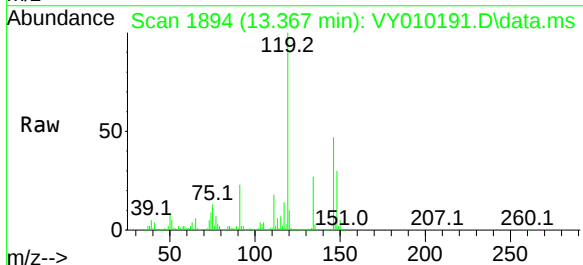
Instrument :
 MSVOA_Y
 ClientSampleId :

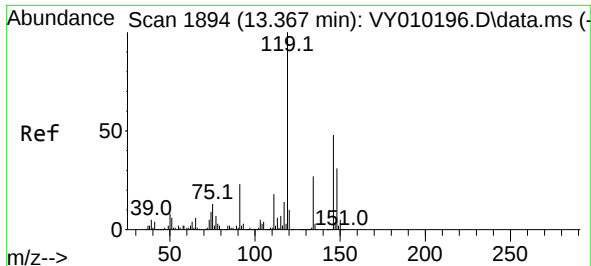
Tgt Ion:105 Resp: 1234712
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 118.217 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

Tgt Ion:119 Resp: 1042071
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 111.477 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :

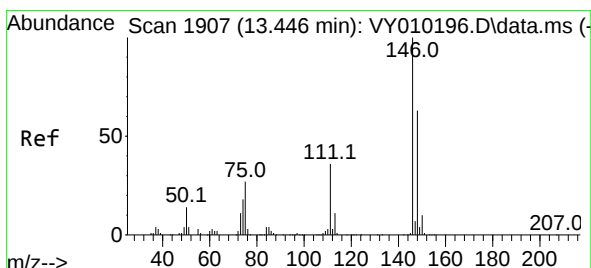
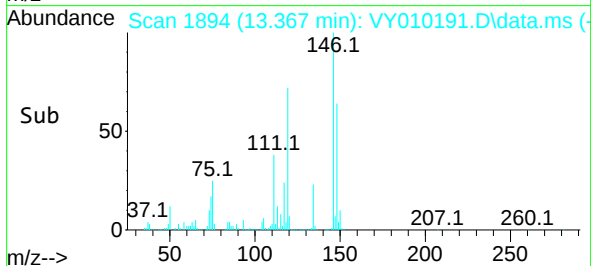
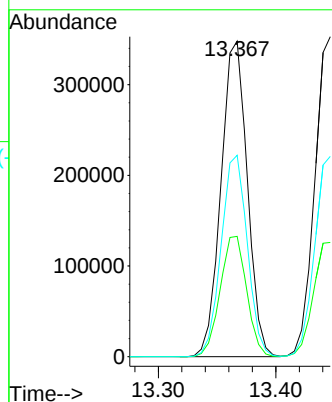
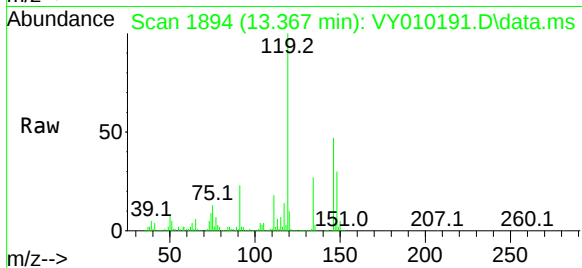
Tgt Ion:146 Resp: 541878

Ion Ratio Lower Upper

146 100

111 38.4 19.5 58.5

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 109.350 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

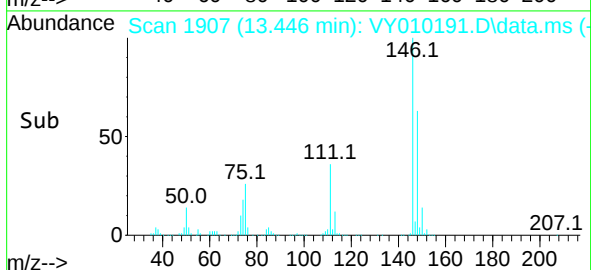
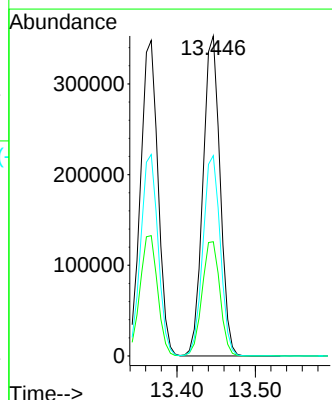
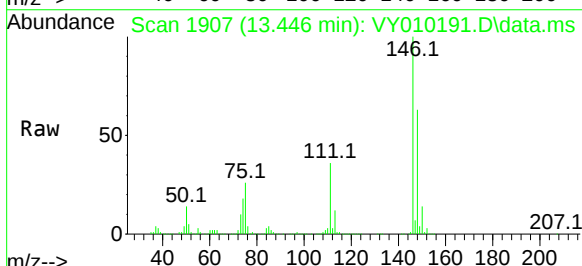
Tgt Ion:146 Resp: 535476

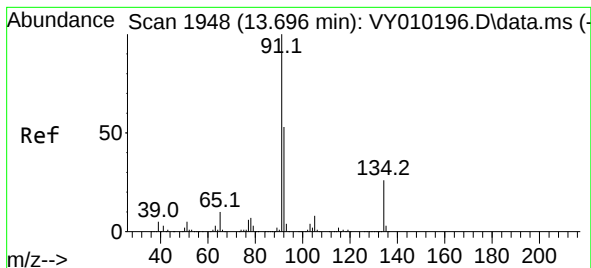
Ion Ratio Lower Upper

146 100

111 37.2 19.3 57.8

148 63.5 32.6 97.8





#89

n-Butylbenzene

Concen: 116.165 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :

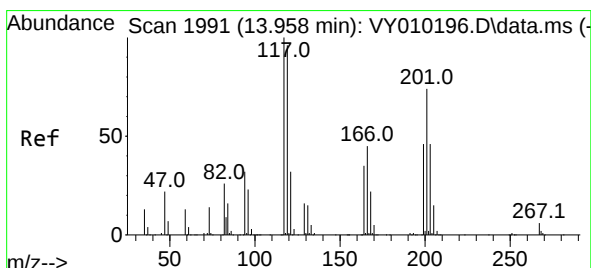
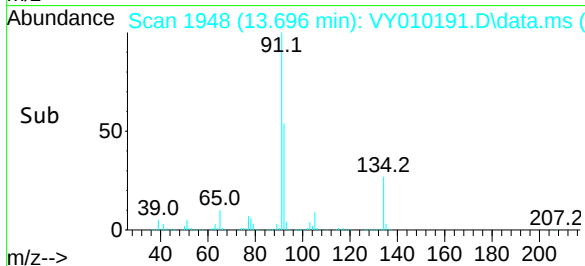
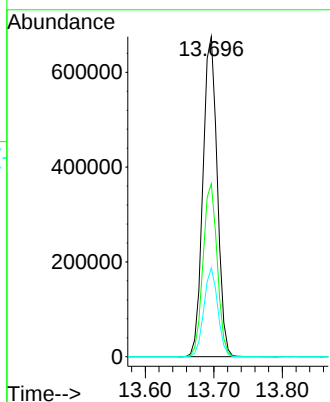
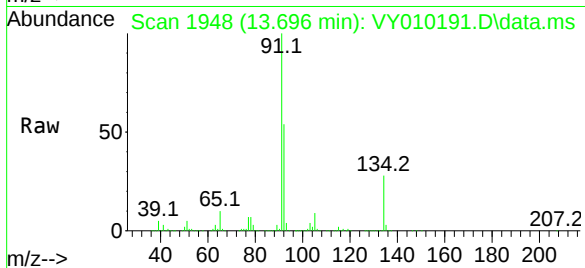
Tgt Ion: 91 Resp: 982184

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 26.8 13.0 38.9



#90

Hexachloroethane

Concen: 107.925 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY010191.D

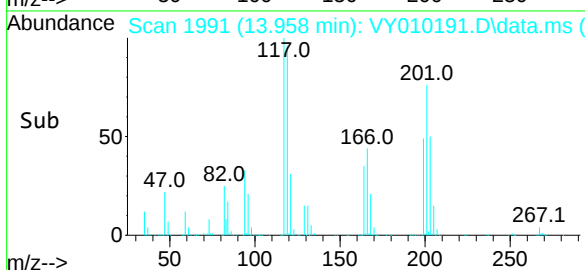
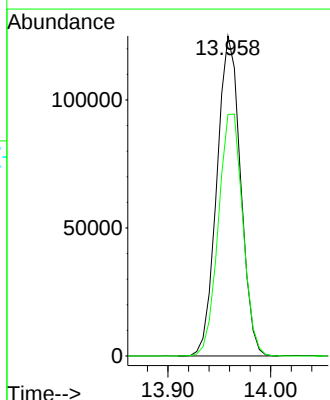
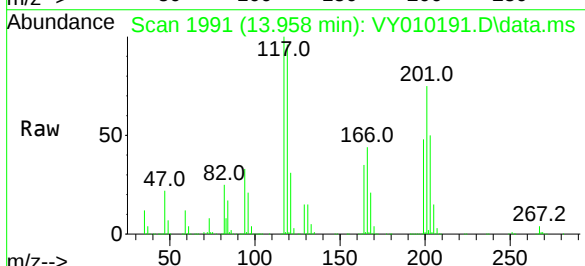
Acq: 24 Aug 2022 12:08

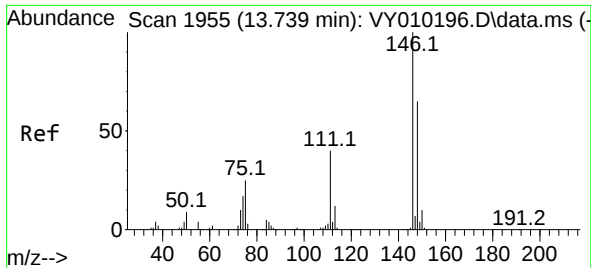
Tgt Ion: 117 Resp: 199839

Ion Ratio Lower Upper

117 100

201 78.1 43.0 128.8

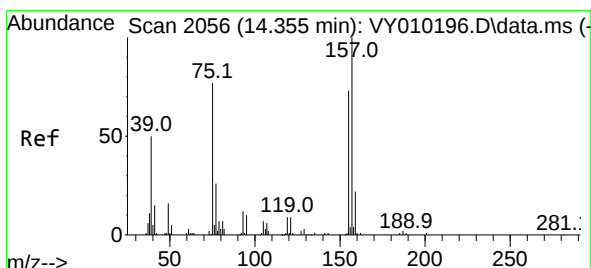
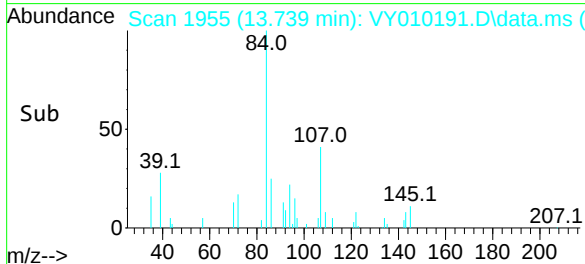
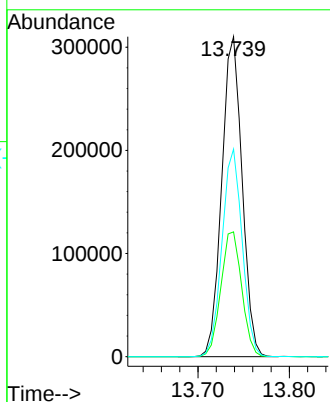
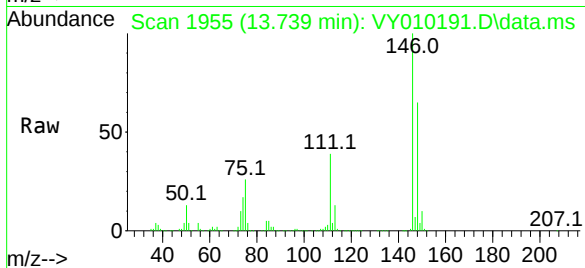




#91
 1,2-Dichlorobenzene
 Concen: 110.624 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

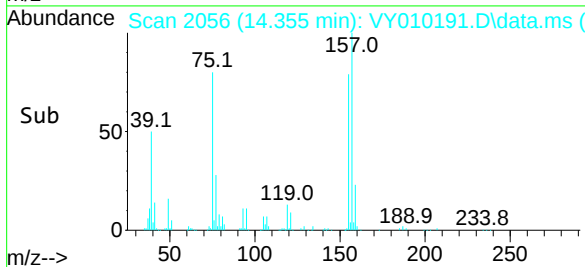
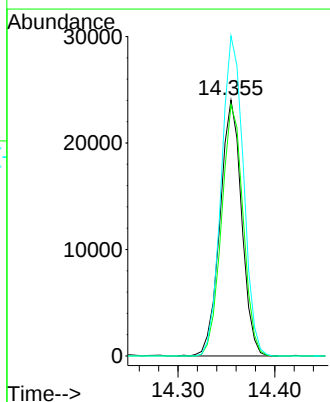
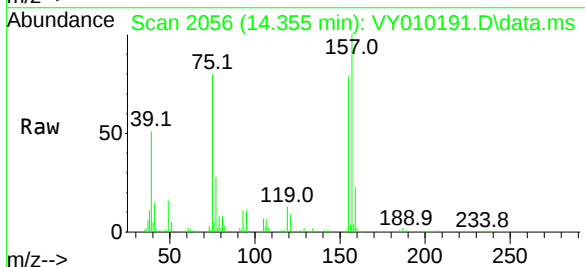
Instrument :
 MSVOA_Y
 ClientSampleId :

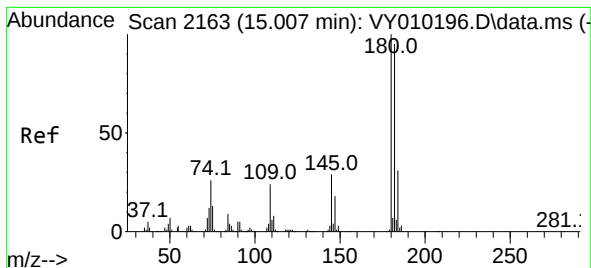
Tgt Ion:146 Resp: 480703
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 64.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 126.772 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY010191.D
 Acq: 24 Aug 2022 12:08

Tgt Ion: 75 Resp: 37189
 Ion Ratio Lower Upper
 75 100
 155 97.7 38.0 113.9
 157 127.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 148.804 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :

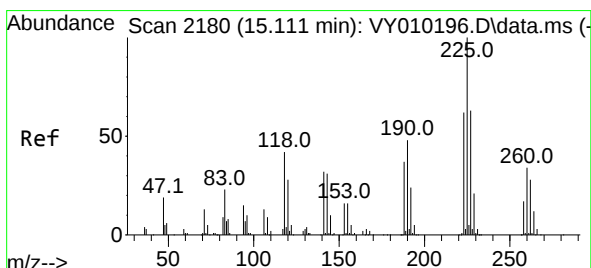
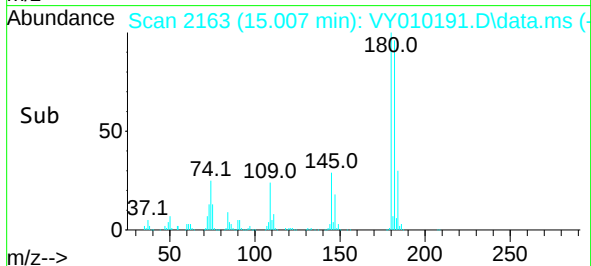
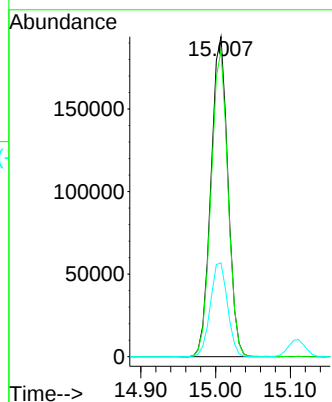
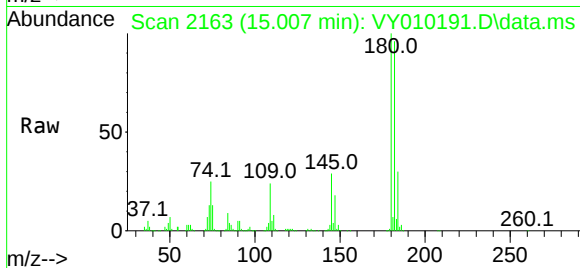
Tgt Ion:180 Resp: 305680

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 136.409 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

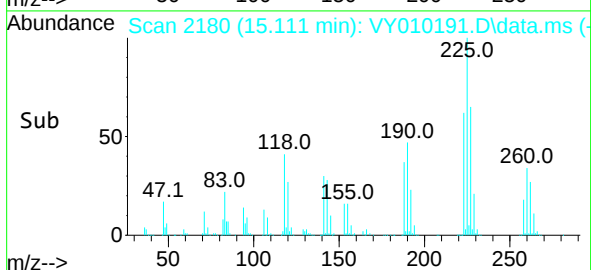
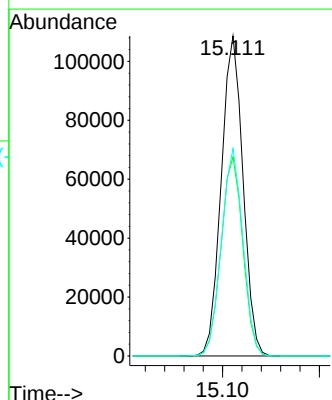
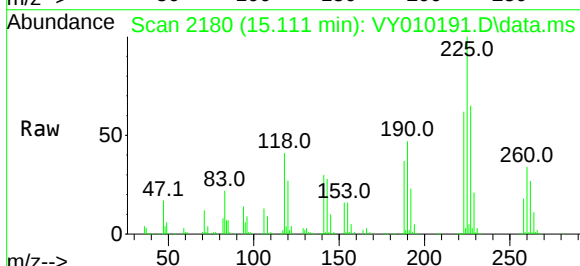
Tgt Ion:225 Resp: 169030

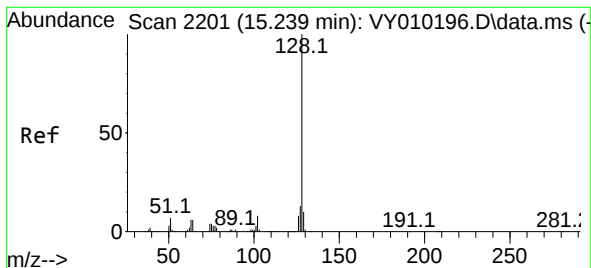
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 162.797 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Instrument :

MSVOA_Y

ClientSampleId :

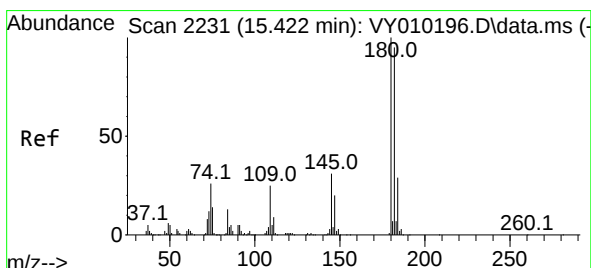
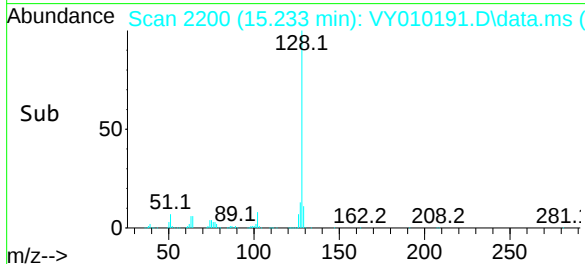
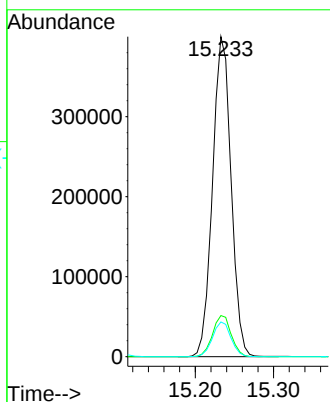
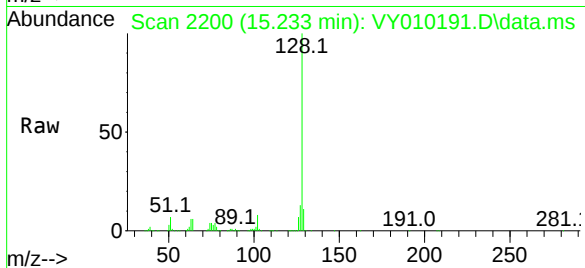
Tgt Ion:128 Resp: 658413

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 147.709 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010191.D

Acq: 24 Aug 2022 12:08

Tgt Ion:180 Resp: 269104

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 31.3 15.3 45.9

