

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004901.D
 Acq On : 27 May 2021 15:24
 Operator : SY/MD
 Sample : M2535-03
 Misc : 7.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-3D

Quant Time: May 27 15:46:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	160122	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.704	114	302275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	335162	50.00	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.434	152	55030	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107084	56.18	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 112.36%		
35) Dibromofluoromethane	7.734	113	84868	51.29	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 102.58%		
50) Toluene-d8	10.203	98	2431285	325.24	ug/l	0.02
Spiked Amount 50.000	Range	49 - 140	Recovery	= 650.48%#		
62) 4-Bromofluorobenzene	12.489	95	586302	232.38	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 464.76%#		
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.144	101	4374	1.52	ug/l	87
11) Tert butyl alcohol	4.979	59	38838	202.77	ug/l #	71
13) Acrolein	3.704	56	6542	29.05	ug/l #	1
14) Allyl chloride	4.595	41	13936	4.51	ug/l #	73
15) Acrylonitrile	5.271	53	48128	94.15	ug/l #	40
16) Acetone	3.954	43	350146	817.92	ug/l #	64
19) Methyl tert-butyl Ether	5.247	73	31196	7.17	ug/l #	1
20) Methylene Chloride	4.735	84	11022	Below Cal	#	1
23) Vinyl Acetate	6.125	43	17160	3.84	ug/l #	75
25) 2-Butanone	7.009	43	101092	132.92	ug/l #	62
26) 2,2-Dichloropropane	6.820	77	13969	4.78	ug/l #	54
28) Bromochloromethane	7.539	49	3022	1.85	ug/l #	19
29) Tetrahydrofuran	7.368	42	2335	4.81	ug/l #	39
30) Chloroform	7.484	83	81849	24.82	ug/l #	20
31) Cyclohexane	7.801	56	3278836	1062.78	ug/l #	84
37) Ethyl Acetate	7.009	43	101092	47.62	ug/l #	72
38) Carbon Tetrachloride	7.807	117	17147	6.16	ug/l #	17
39) Methylcyclohexane	9.203	83	13358754	3954.37	ug/l #	87
40) Benzene	8.179	78	1341569	153.19	ug/l	99
41) Methacrylonitrile	7.368	41	16068	13.85	ug/l #	100
42) 1,2-Dichloroethane	8.179	62	10940	3.96	ug/l #	75
43) Isopropyl Acetate	8.350	43	15104477	3832.77	ug/l #	56
45) 1,2-Dichloropropane	9.203	63	216998	94.72	ug/l #	1
46) Dibromomethane	9.277	93	7793	6.12	ug/l #	1
47) Bromodichloromethane	9.496	83	596546	197.38	ug/l #	77
48) Methyl methacrylate	9.344	41	483492	269.59	ug/l #	15
49) 1,4-Dioxane	9.264	88	83	5.53	ug/l #	18
51) 4-Methyl-2-Pentanone	10.142	43	12698956	5989.12	ug/l #	85
52) Toluene	10.264	92	2893242	523.26	ug/l	99
54) cis-1,3-Dichloropropene	9.996	75	5342	1.43	ug/l #	1
55) 1,1,2-Trichloroethane	10.642	97	11680881	6661.65	ug/l #	30
56) Ethyl methacrylate	10.545	69	1976725	779.53	ug/l #	52
58) 2-Chloroethyl Vinyl ether	9.770	63	415076	317.12	ug/l #	49
59) 2-Hexanone	10.831	43	16708521	11629.03	ug/l #	33
60) Dibromochloromethane	10.935	129	77254	37.05	ug/l #	22
61) 1,2-Dibromoethane	11.093	107	28925	17.11	ug/l #	1

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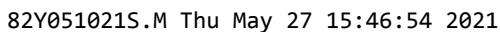
Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-3D

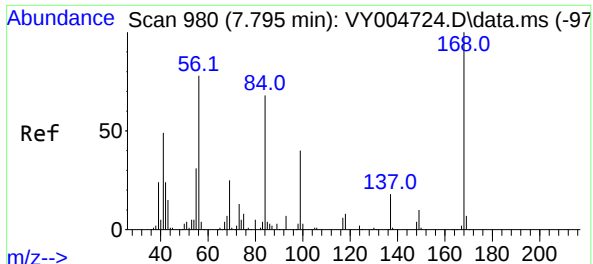
Quant Time: May 27 15:46:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.447	112	257545	37.34	ug/l #	56
67) Ethyl Benzene	11.697	91	1422118	110.97	ug/l #	1
68) m/p-Xylenes	11.709	106	17612019	3657.57	ug/l #	1
69) o-Xylene	12.057	106	8859056	1968.59	ug/l	87
70) Styrene	12.057	104	457276	60.61	ug/l #	1
73) Isopropylbenzene	12.343	105	21788445	5248.49	ug/l	78
74) N-aryl acetate	12.142	43	7750888	5280.44	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.550	83	580688	700.92	ug/l #	91
76) 1,2,3-Trichloropropane	12.691	75	579462	991.38	ug/l #	100
77) Bromobenzene	12.599	156	14232	15.18	ug/l #	1
78) n-propylbenzene	12.746	91	4715071	930.69	ug/l #	8
79) 2-Chlorotoluene	12.746	91	4715071	1696.08	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.733	105	2831746	821.32	ug/l #	8
81) trans-1,4-Dichloro-2-b...	12.349	75	404817	1200.89	ug/l #	41
82) 4-Chlorotoluene	12.837	91	5241618	1815.59	ug/l #	43
83) tert-Butylbenzene	13.130	119	6665374	2264.59	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.264	105	3410064	988.17	ug/l #	31
85) sec-Butylbenzene	13.264	105	3410064	796.87	ug/l #	55
86) p-Isopropyltoluene	13.380	119	1456532	392.65	ug/l	98
89) n-Butylbenzene	13.703	91	3622087	998.76	ug/l #	73
90) Hexachloroethane	13.977	117	749856	1435.29	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.337	75	20713	133.81	ug/l #	11
95) Naphthalene	15.239	128	1022801	452.35	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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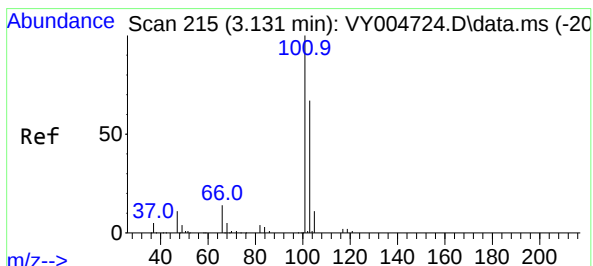
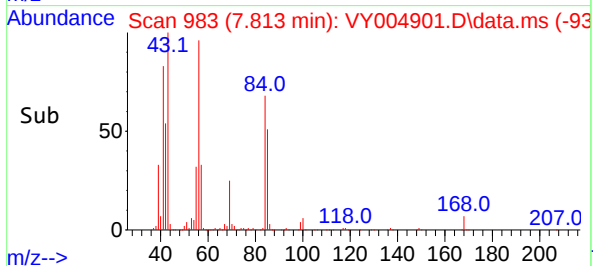
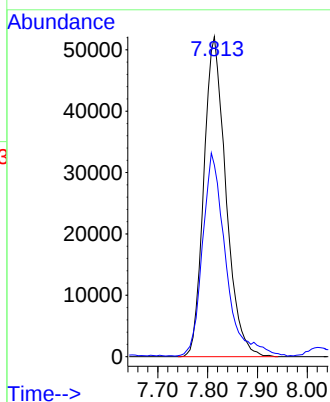
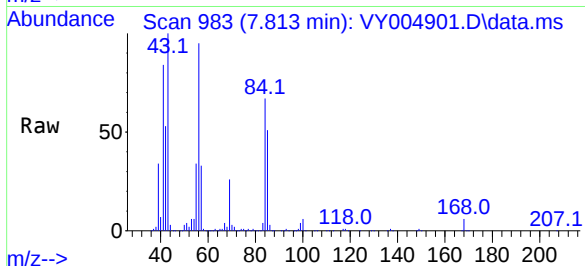




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

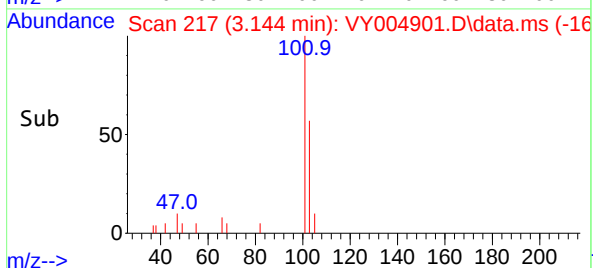
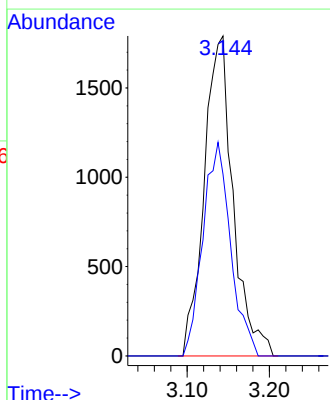
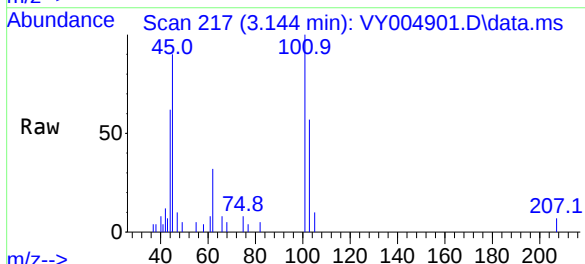
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

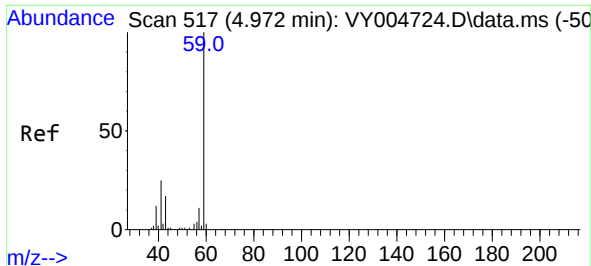
Tgt Ion:168 Resp: 160122
Ion Ratio Lower Upper
168 100
99 59.6 45.6 68.4



#7
Trichlorofluoromethane
Concen: 1.52 ug/l
RT: 3.144 min Scan# 217
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:101 Resp: 4374
Ion Ratio Lower Upper
101 100
103 56.8 53.4 80.2

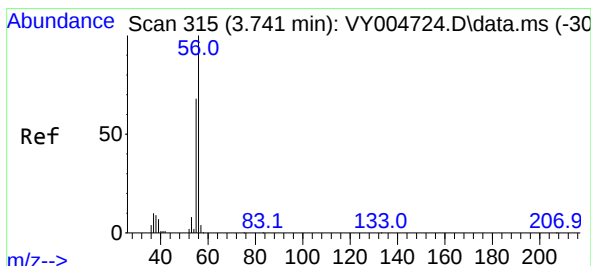
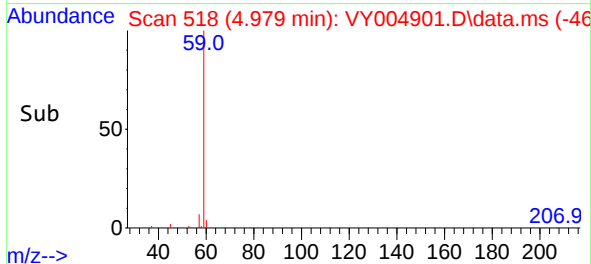
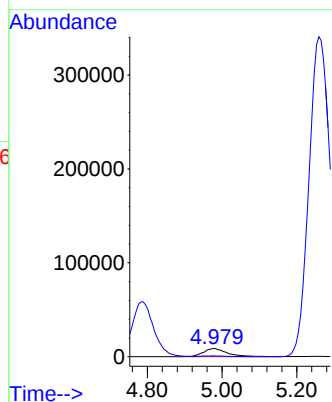
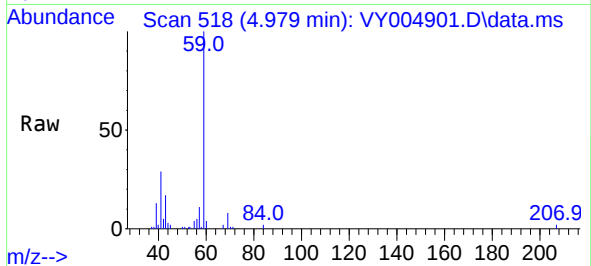




#11
Tert butyl alcohol
Concen: 202.77 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

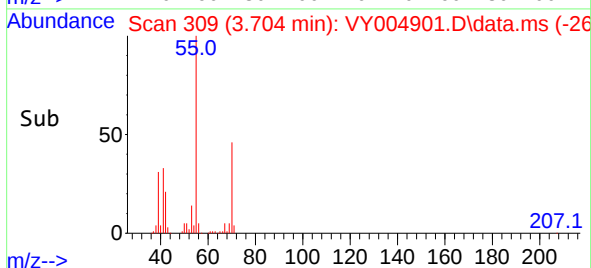
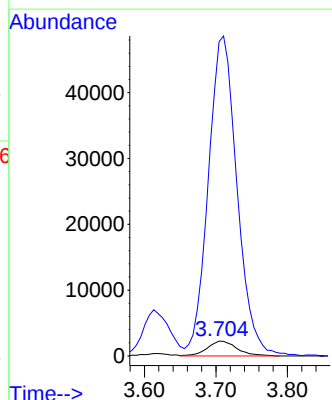
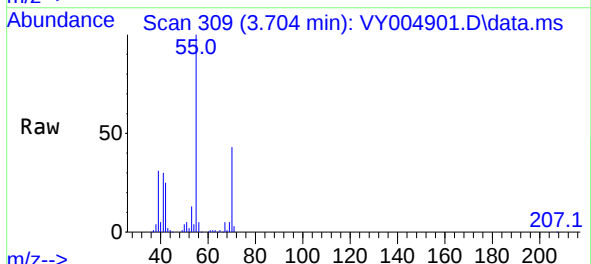
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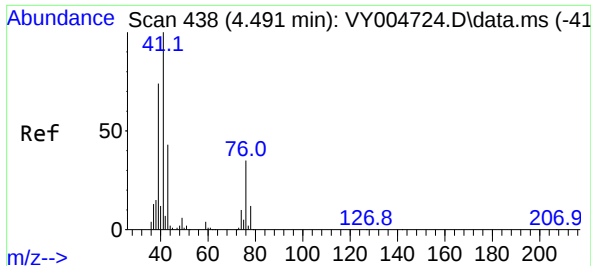
Tgt Ion: 59 Resp: 38838
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 29.05 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.036 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

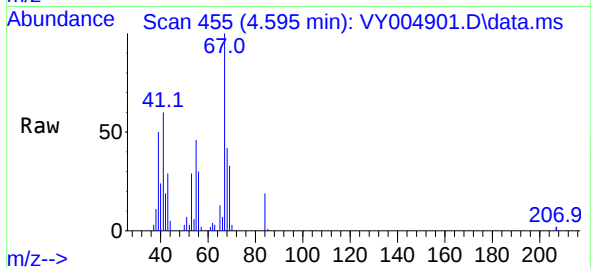
Tgt Ion: 56 Resp: 6542
Ion Ratio Lower Upper
56 100
55 2075.2 55.3 82.9#



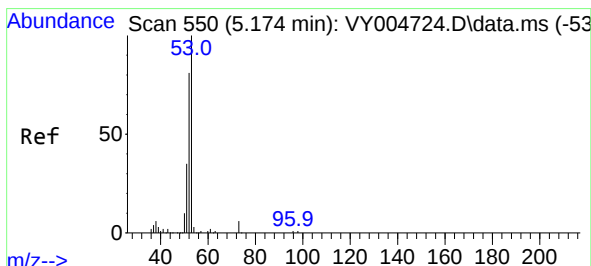
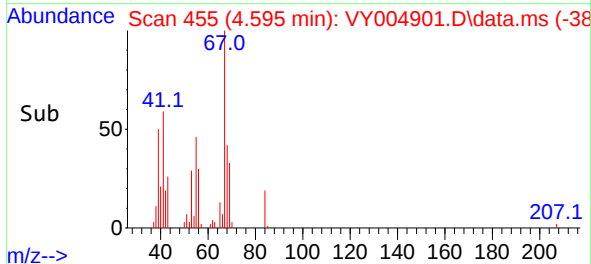
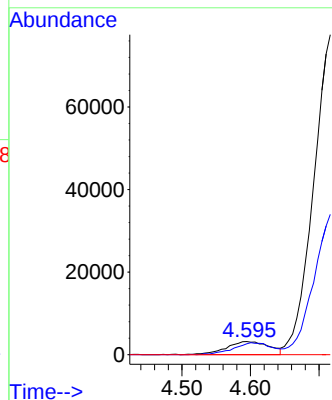


#14
 Allyl chloride
 Concen: 4.51 ug/l
 RT: 4.595 min Scan# 455
 Delta R.T. 0.104 min
 Lab File: VY004901.D
 Acq: 27 May 2021 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-3D

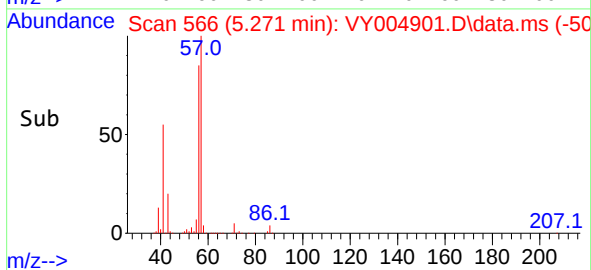
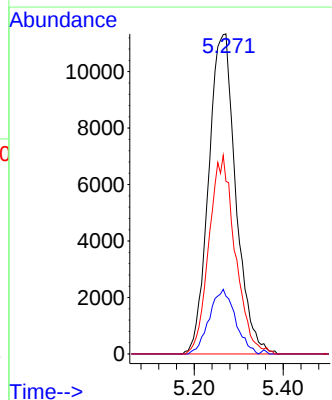
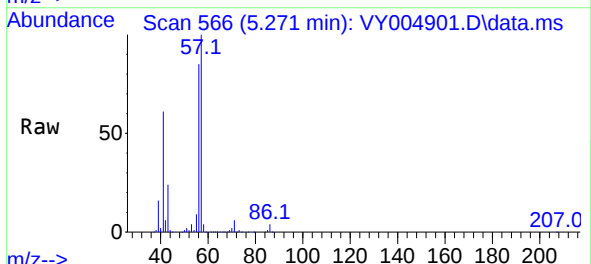


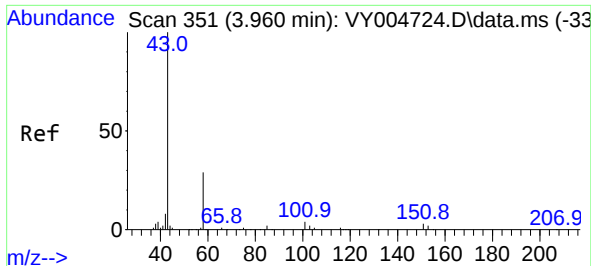
Tgt Ion: 41 Resp: 13936
 Ion Ratio Lower Upper
 41 100
 39 80.1 56.1 84.1
 76 0.0 26.2 39.4#



#15
 Acrylonitrile
 Concen: 94.15 ug/l
 RT: 5.271 min Scan# 566
 Delta R.T. 0.098 min
 Lab File: VY004901.D
 Acq: 27 May 2021 15:24

Tgt Ion: 53 Resp: 48128
 Ion Ratio Lower Upper
 53 100
 52 19.4 65.0 97.6#
 51 59.8 29.3 43.9#

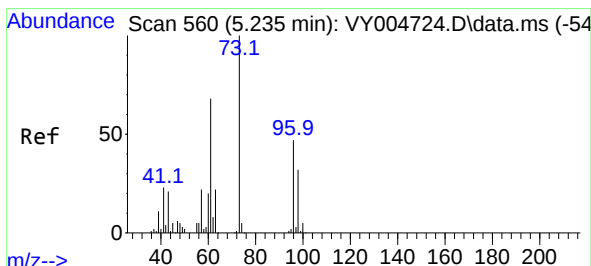
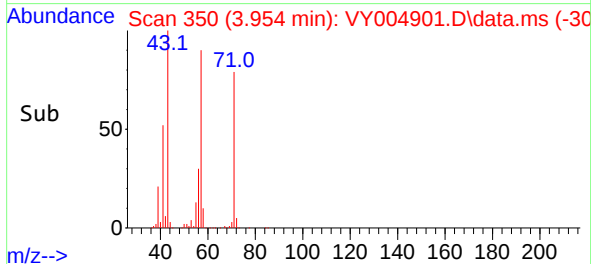
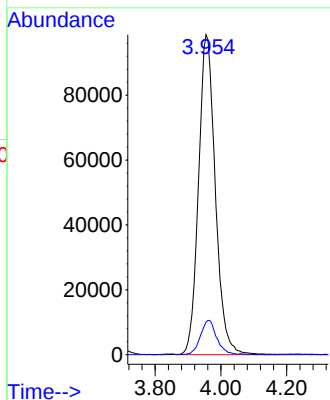
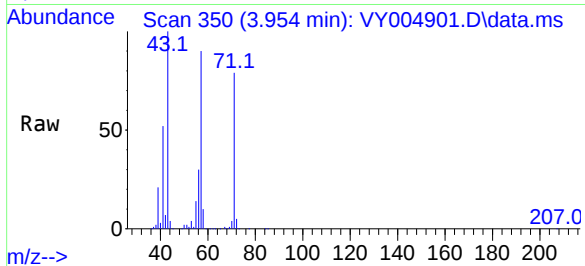




#16
Acetone
Concen: 817.92 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

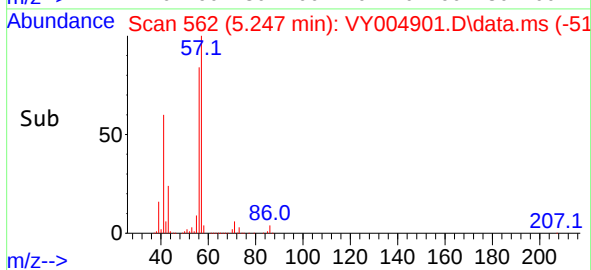
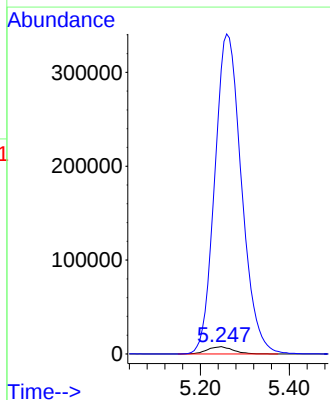
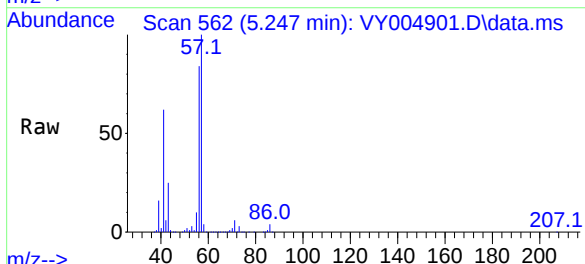
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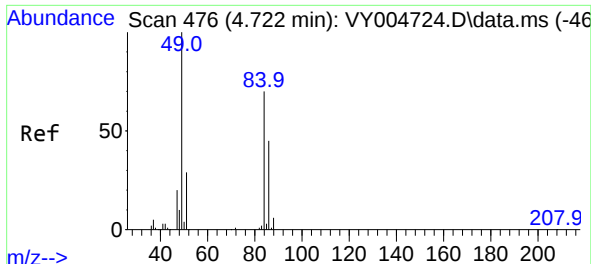
Tgt Ion: 43 Resp: 350146
Ion Ratio Lower Upper
43 100
58 10.2 23.6 35.4#



#19
Methyl tert-butyl Ether
Concen: 7.17 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

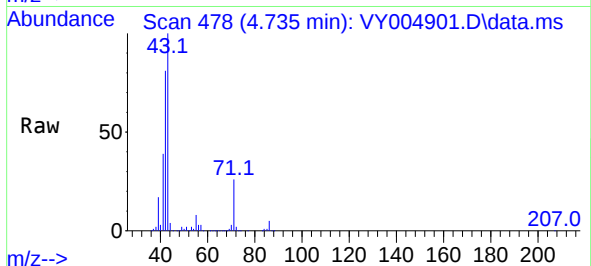
Tgt Ion: 73 Resp: 31196
Ion Ratio Lower Upper
73 100
57 3892.1 17.9 26.9#





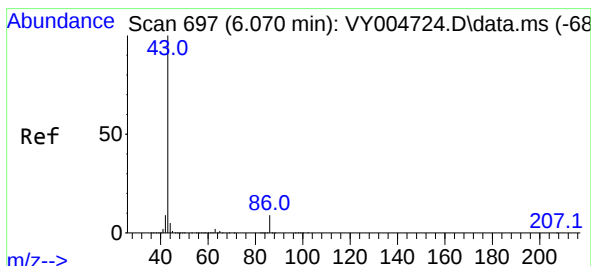
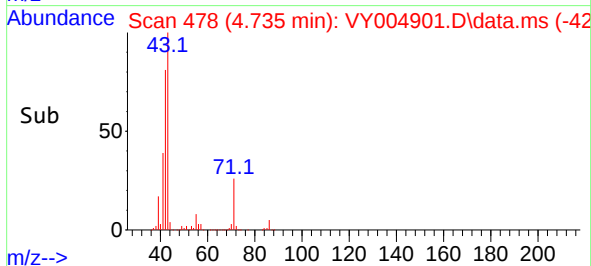
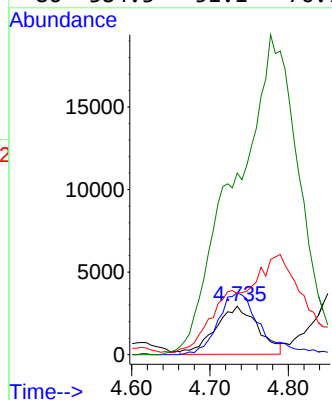
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Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 11022

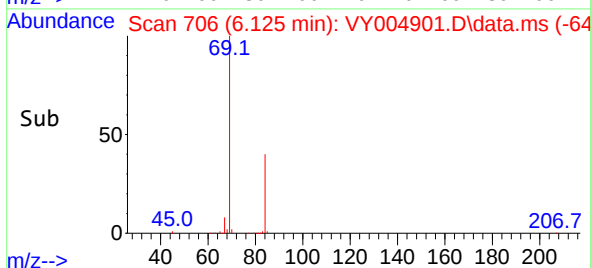
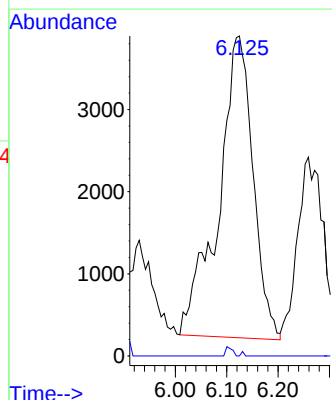
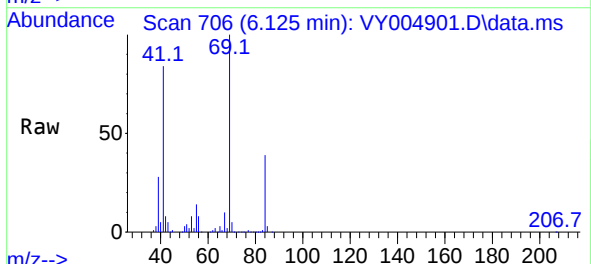
Ion	Ratio	Lower	Upper
84	100		
49	136.9	113.8	170.8
51	123.0	33.5	50.3#
86	384.3	51.1	76.7#

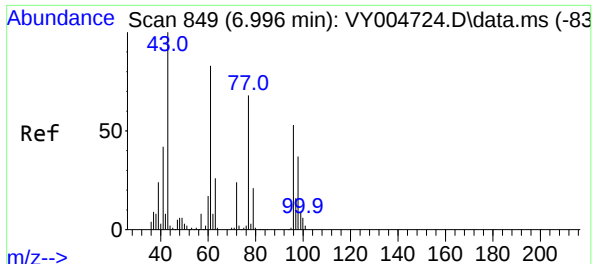


#23
Vinyl Acetate
Concen: 3.84 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.055 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 43 Resp: 17160

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.2	10.8#

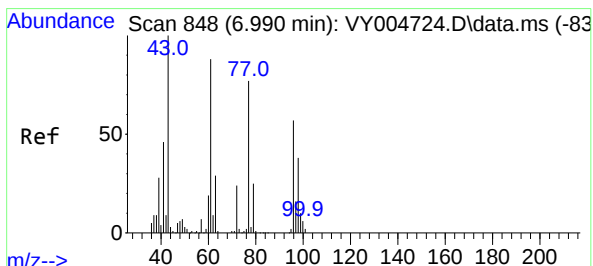
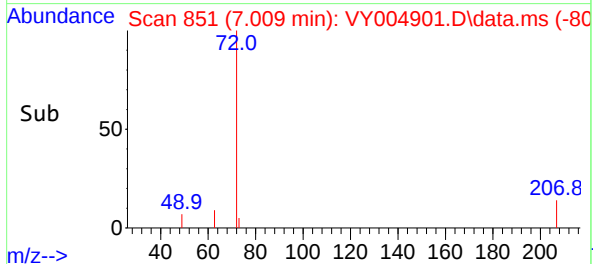
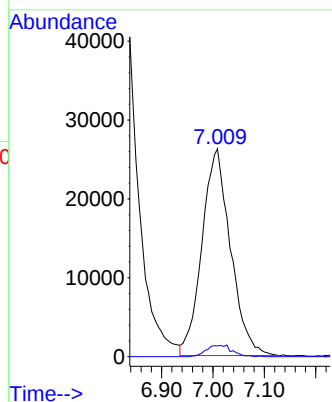
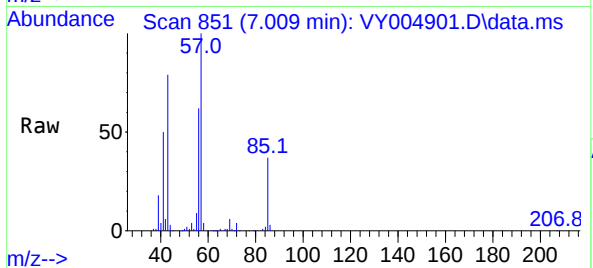




#25
2-Butanone
Concen: 132.92 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

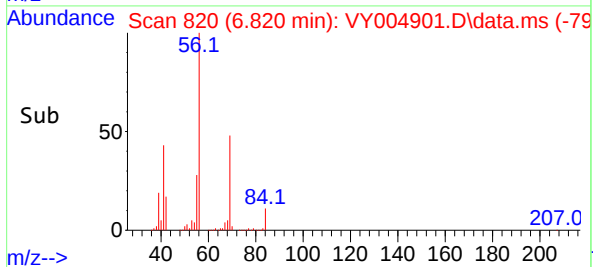
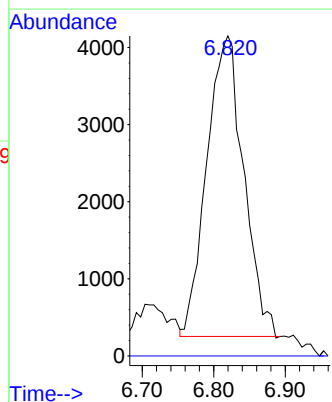
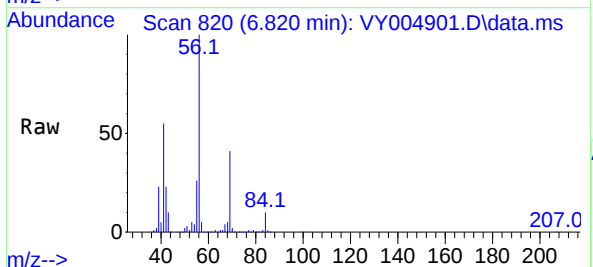
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

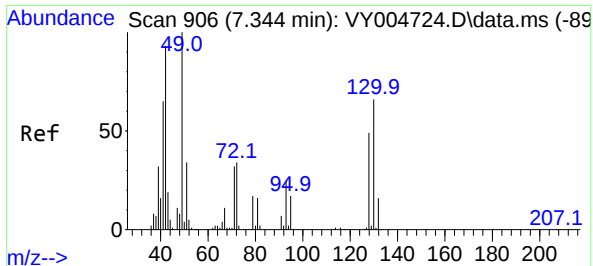
Tgt Ion: 43 Resp: 101092
Ion Ratio Lower Upper
43 100
72 5.2 19.4 29.0#



#26
2,2-Dichloropropane
Concen: 4.78 ug/l
RT: 6.820 min Scan# 820
Delta R.T. -0.171 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

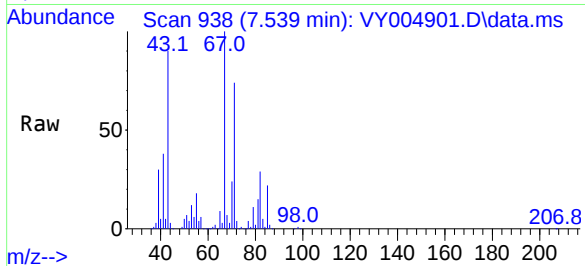
Tgt Ion: 77 Resp: 13969
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



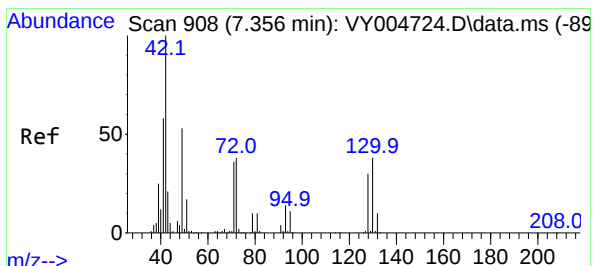
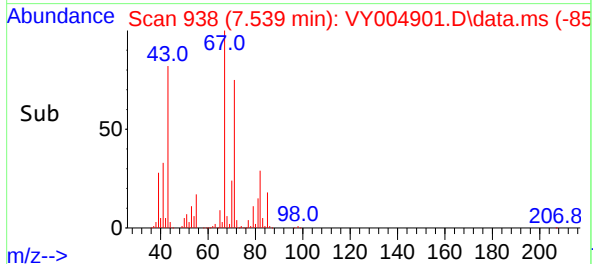
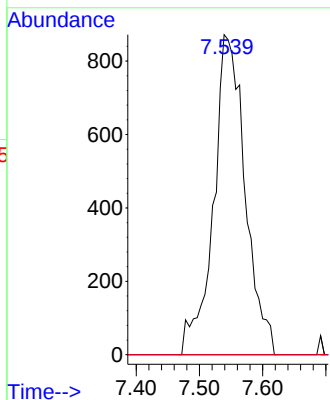


#28
Bromochloromethane
Concen: 1.85 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.195 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

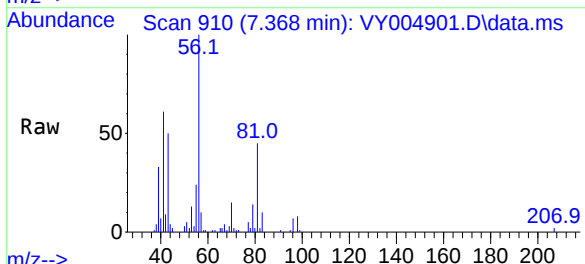
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D



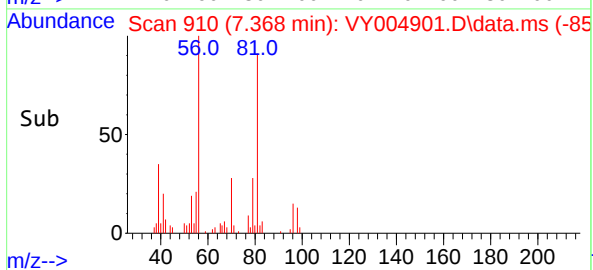
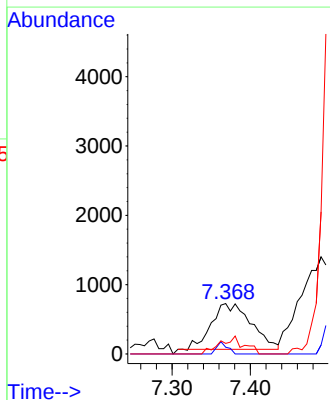
Tgt Ion: 49 Resp: 3022
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 52.8 79.2#

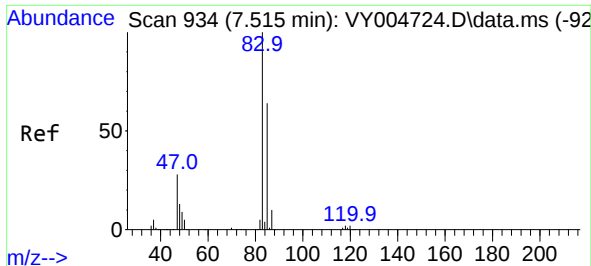


#29
Tetrahydrofuran
Concen: 4.81 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24



Tgt Ion: 42 Resp: 2335
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0#
71 0.0 28.0 42.0#

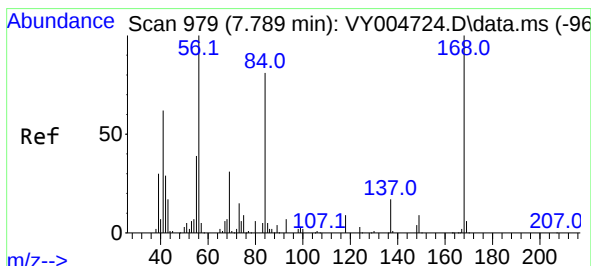
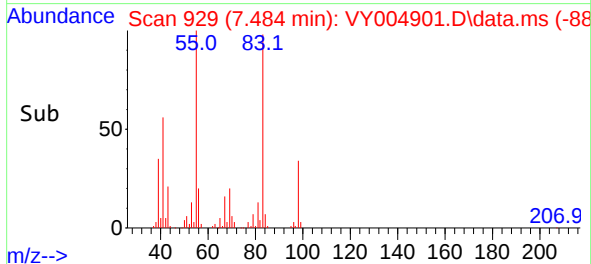
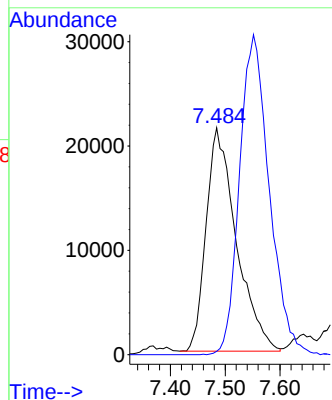
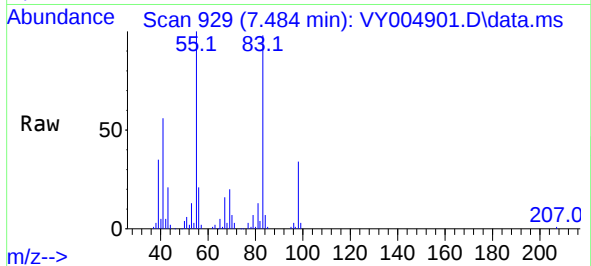




#30
Chloroform
Concen: 24.82 ug/l
RT: 7.484 min Scan# 929
Delta R.T. -0.030 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

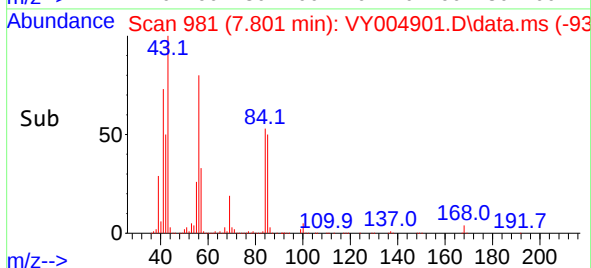
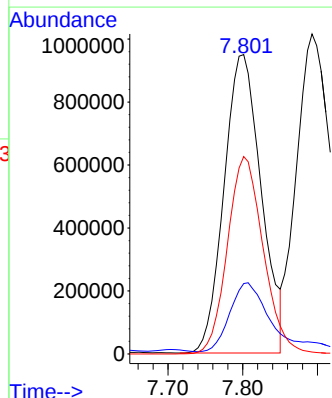
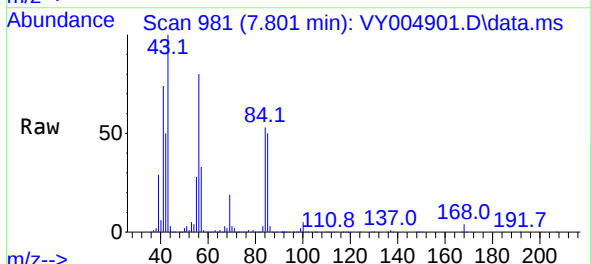
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

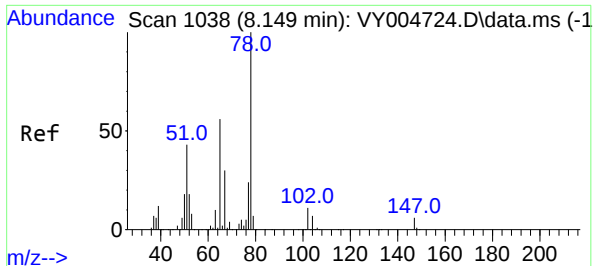
Tgt Ion: 83 Resp: 81849
Ion Ratio Lower Upper
83 100
85 1.5 51.3 76.9#



#31
Cyclohexane
Concen: 1062.78 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 56 Resp: 3278836
Ion Ratio Lower Upper
56 100
69 22.2 24.4 36.6#
84 66.1 64.8 97.2

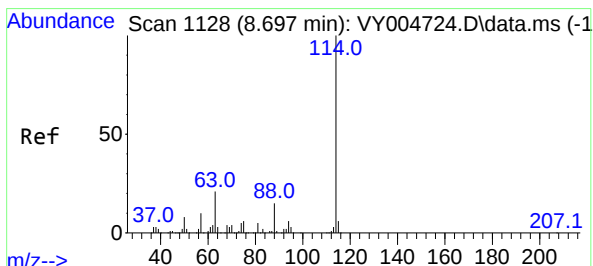
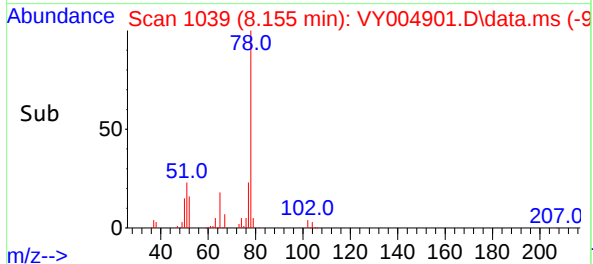
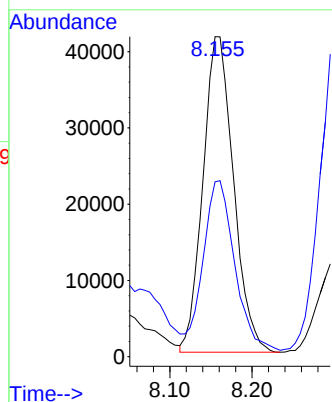
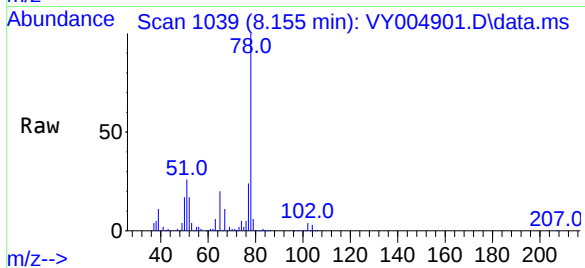




#33
1,2-Dichloroethane-d4
Concen: 56.18 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

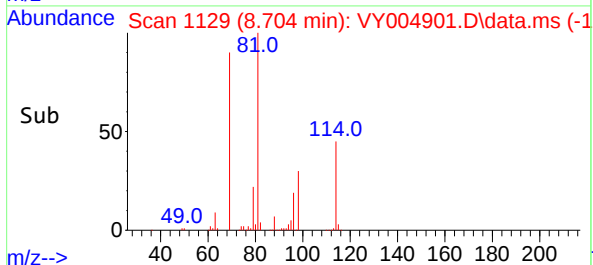
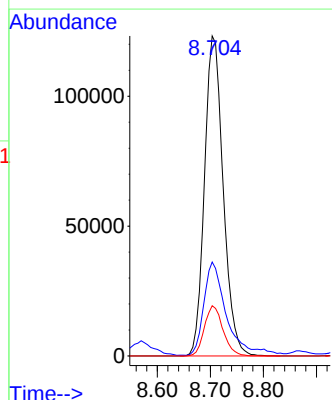
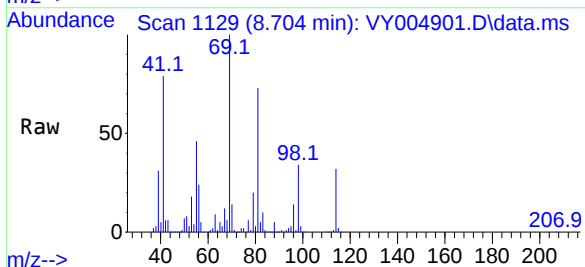
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

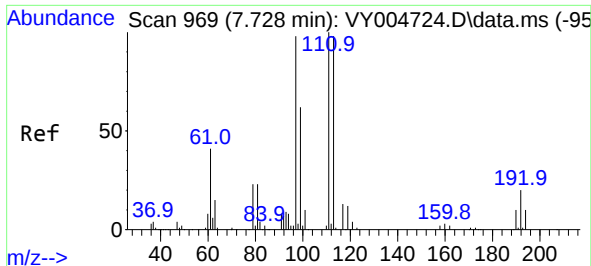
Tgt Ion: 65 Resp: 107084
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 114 Resp: 302275
Ion Ratio Lower Upper
114 100
63 29.1 0.0 42.8
88 15.7 0.0 31.0

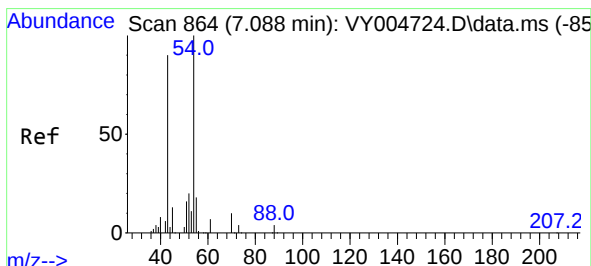
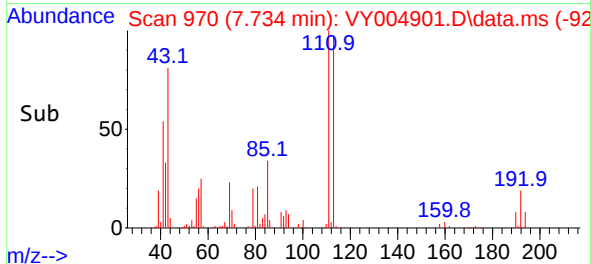
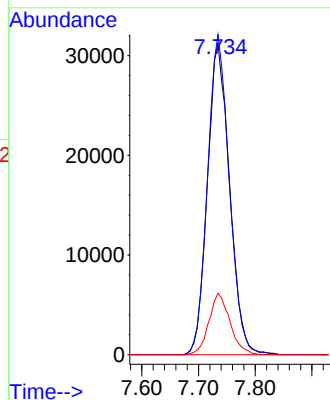
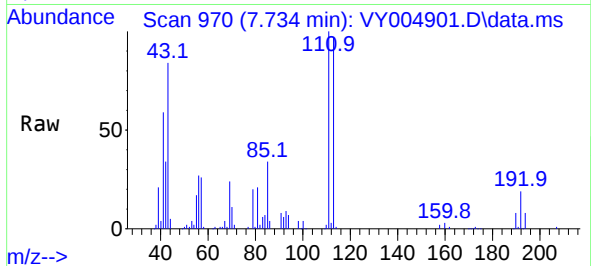




#35
Dibromofluoromethane
Concen: 51.29 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

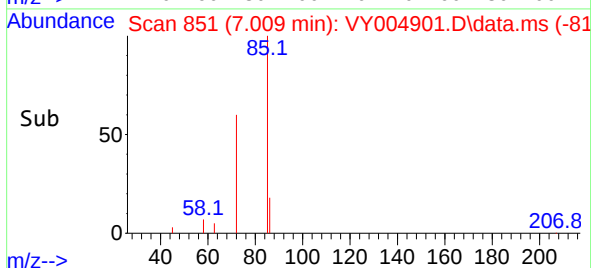
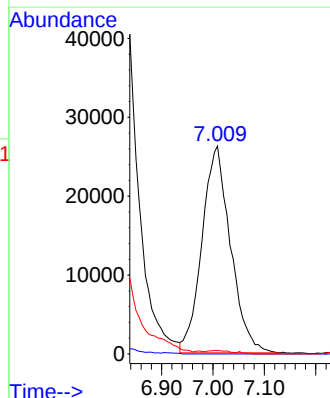
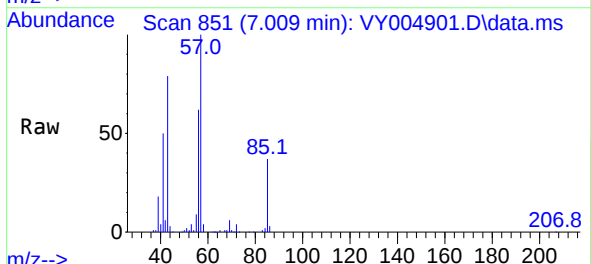
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

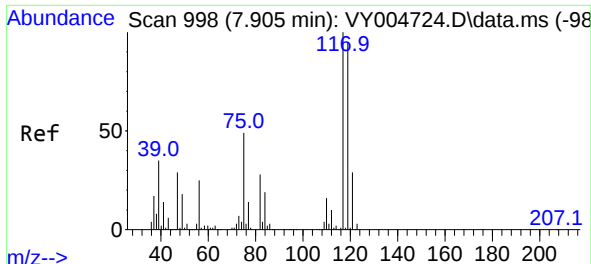
Tgt Ion:113 Resp: 84868
Ion Ratio Lower Upper
113 100
111 100.9 80.5 120.7
192 18.8 15.0 22.6



#37
Ethyl Acetate
Concen: 47.62 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

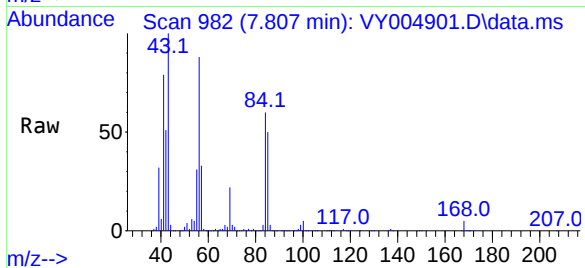
Tgt Ion: 43 Resp: 101092
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.6 6.7 10.1#



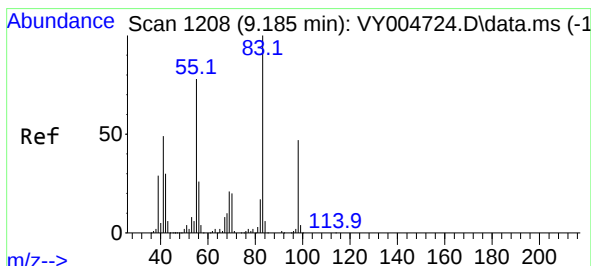
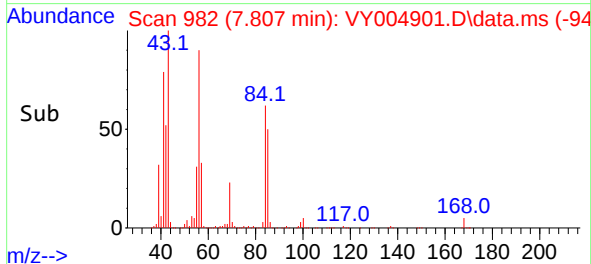
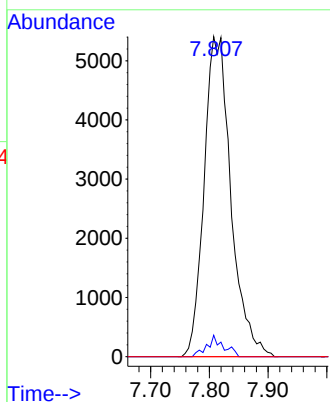


#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.097 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

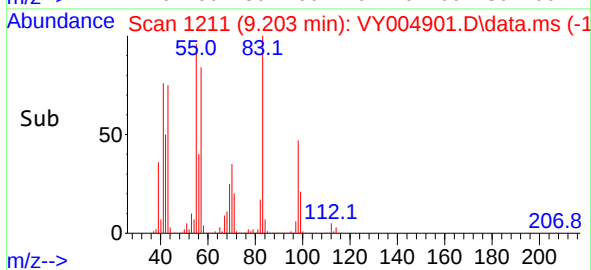
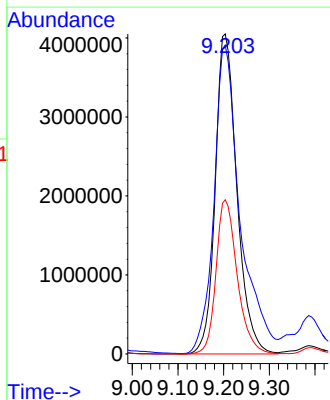
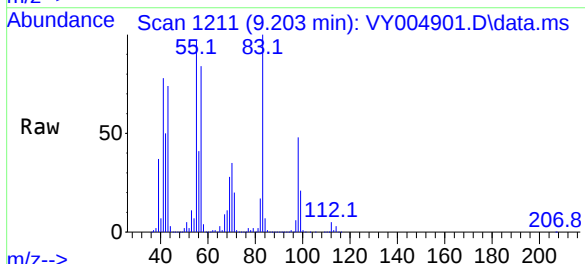


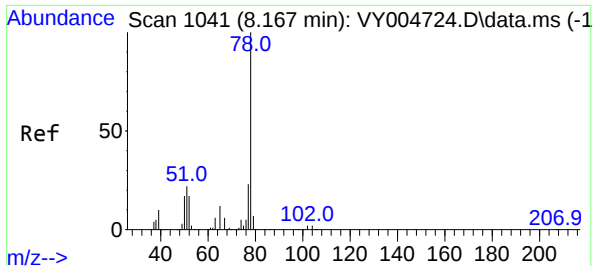
Tgt Ion:117 Resp: 17147
Ion Ratio Lower Upper
117 100
119 6.7 76.3 114.5#
121 0.0 23.0 34.6#



#39
Methylcyclohexane
Concen: 3954.37 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 83 Resp:13358754
Ion Ratio Lower Upper
83 100
55 96.3 62.6 94.0#
98 48.2 37.8 56.6

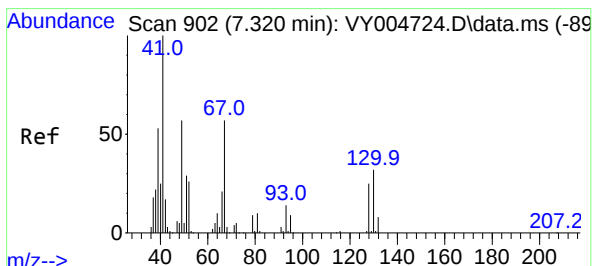
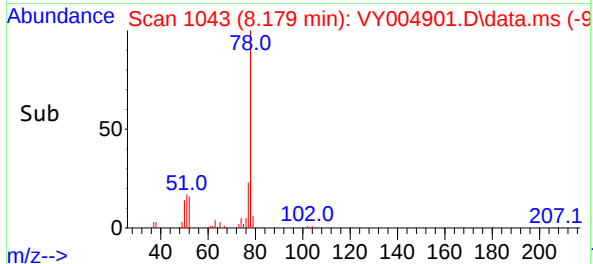
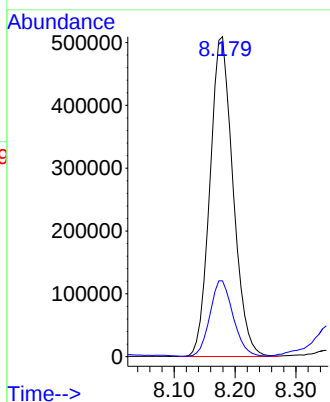
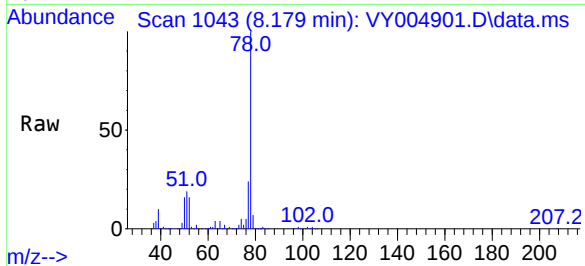




#40
Benzene
Concen: 153.19 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

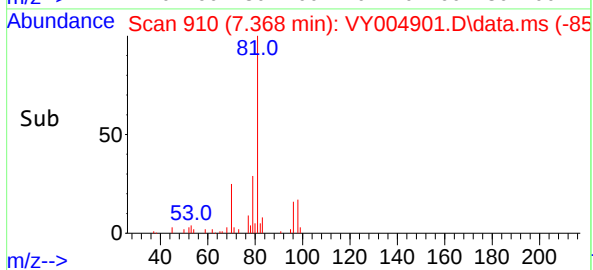
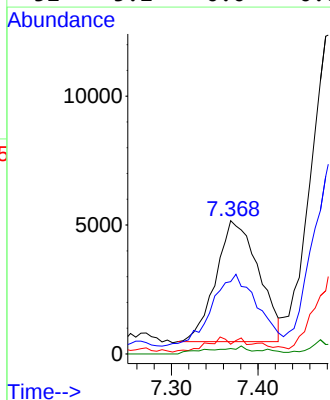
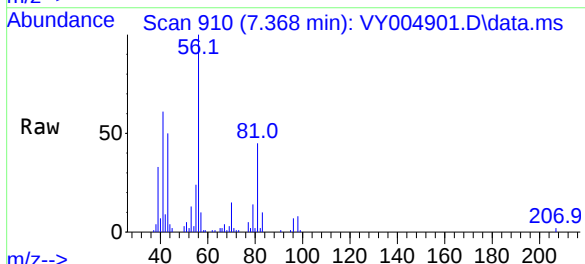
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

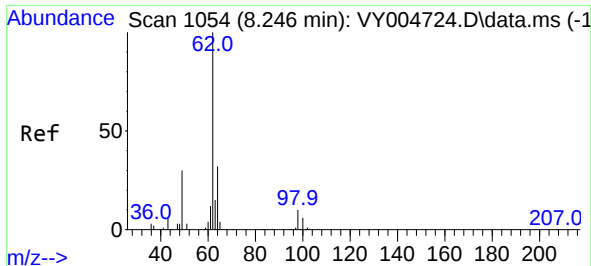
Tgt Ion: 78 Resp: 1341569
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6



#41
Methacrylonitrile
Concen: 13.85 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.049 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 41 Resp: 16068
Ion Ratio Lower Upper
41 100
39 64.1 0.0 0.0#
67 0.0 0.0 0.0
52 5.2 0.0 0.0#

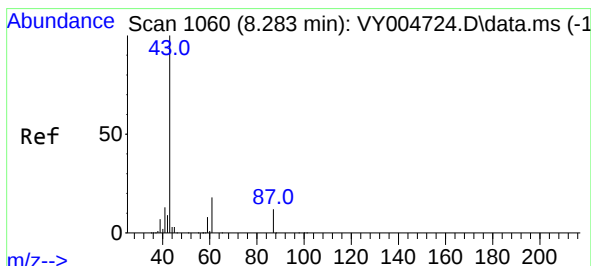
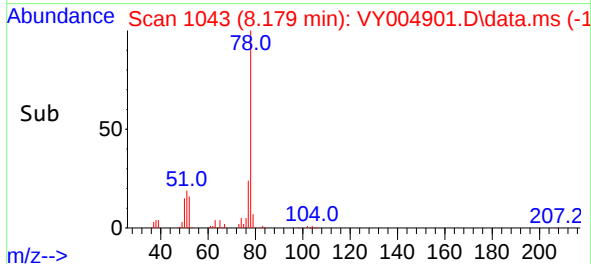
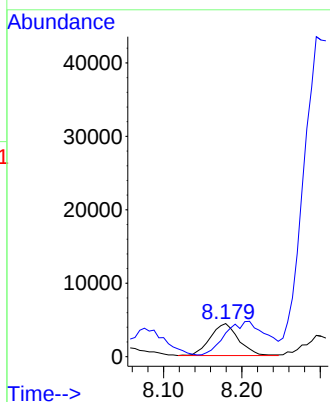
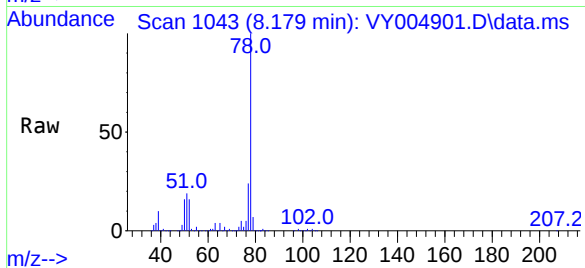




#42
1,2-Dichloroethane
Concen: 3.96 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. -0.067 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

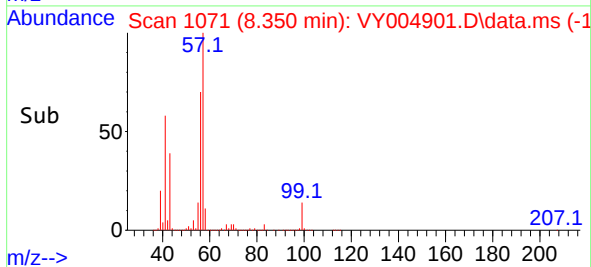
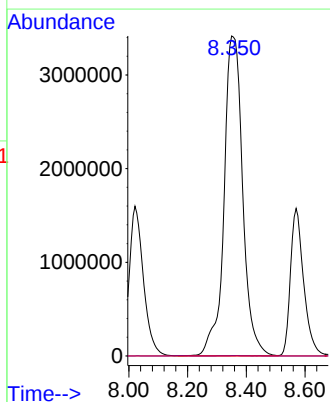
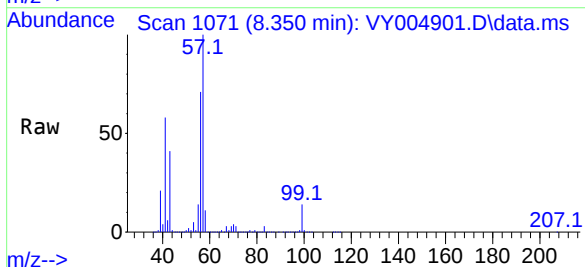
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

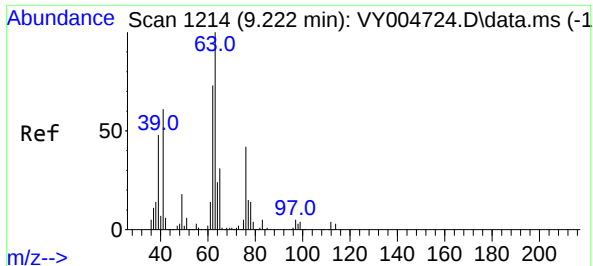
Tgt Ion: 62 Resp: 10940
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#43
Isopropyl Acetate
Concen: 3832.77 ug/l
RT: 8.350 min Scan# 1071
Delta R.T. 0.067 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 43 Resp:15104477
Ion Ratio Lower Upper
43 100
61 0.1 20.3 30.5#
87 0.0 9.2 13.8#

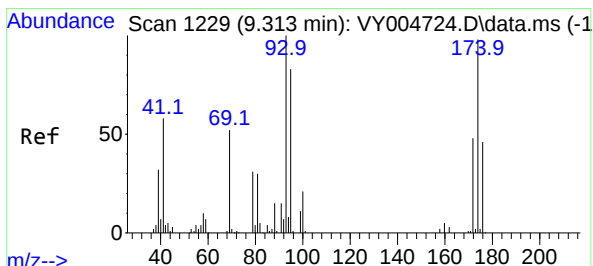
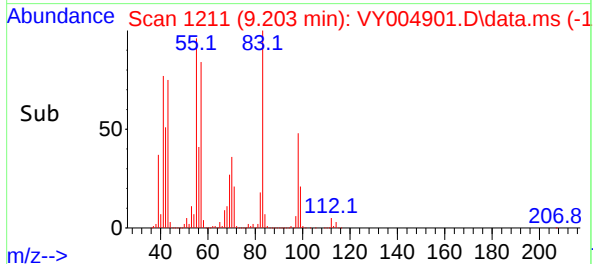
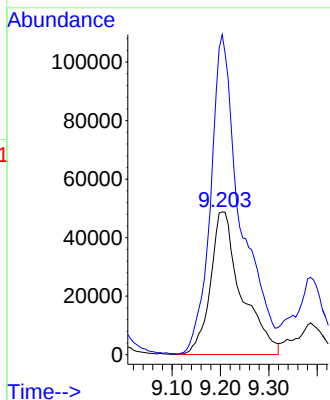
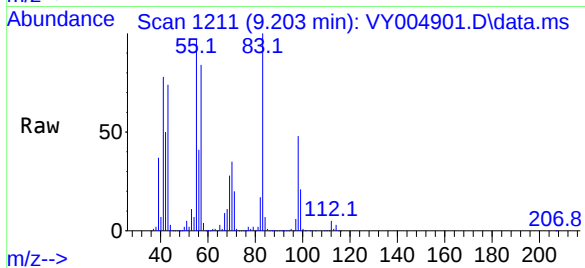




#45
1,2-Dichloropropane
Concen: 94.72 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. -0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

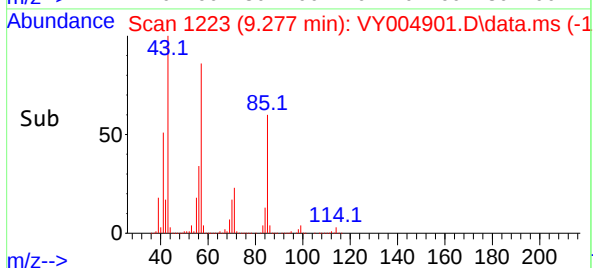
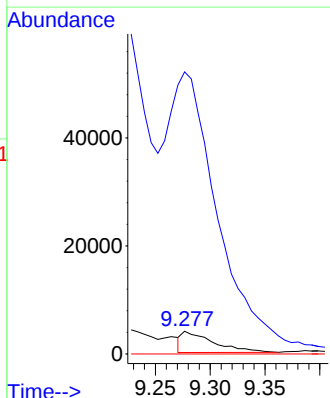
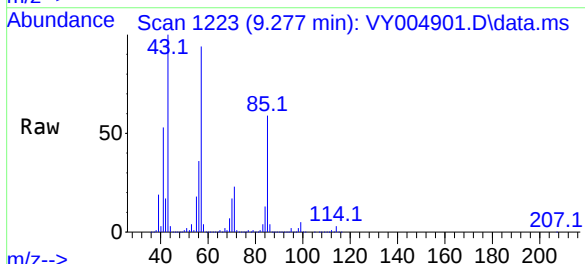
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

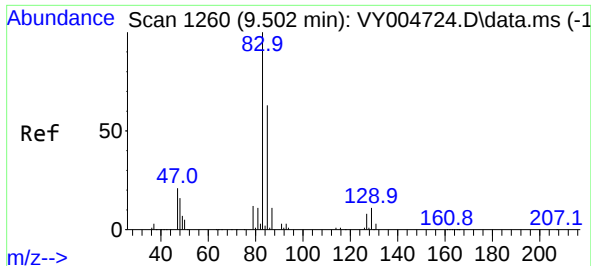
Tgt Ion: 63 Resp: 216998
Ion Ratio Lower Upper
63 100
65 223.9 25.0 37.4#



#46
Dibromomethane
Concen: 6.12 ug/l
RT: 9.277 min Scan# 1223
Delta R.T. -0.036 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 93 Resp: 7793
Ion Ratio Lower Upper
93 100
95 1913.8 66.8 100.2#
174 0.0 75.9 113.9#

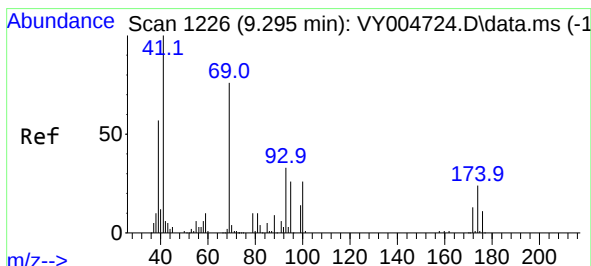
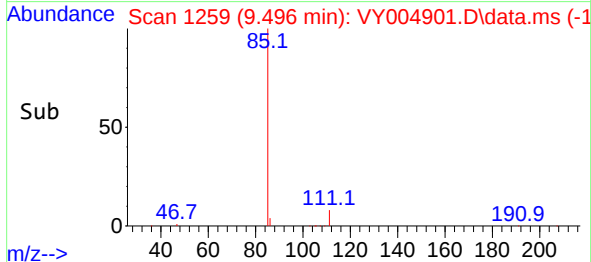
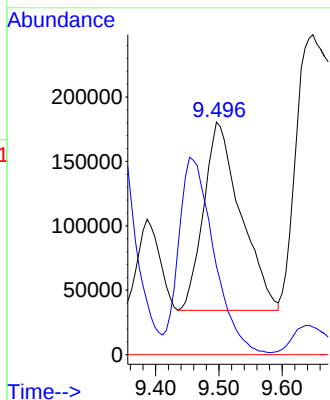
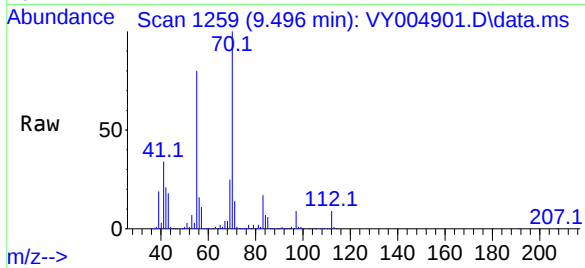




#47
Bromodichloromethane
Concen: 197.38 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

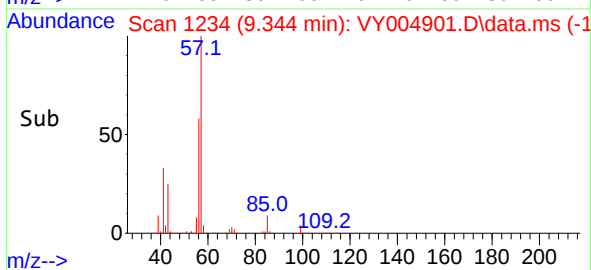
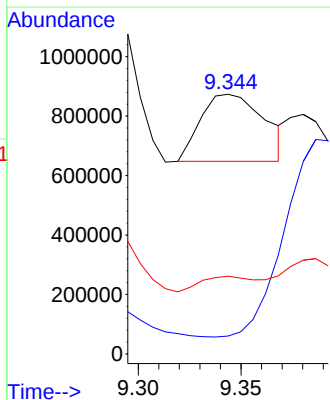
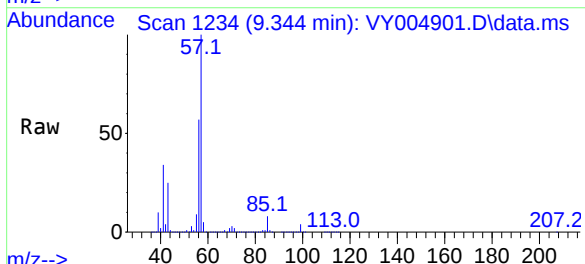
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

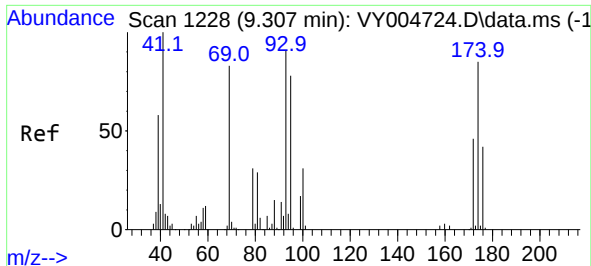
Tgt Ion: 83 Resp: 596546
Ion Ratio Lower Upper
83 100
85 45.1 50.4 75.6#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 269.59 ug/l
RT: 9.344 min Scan# 1234
Delta R.T. 0.049 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 41 Resp: 483492
Ion Ratio Lower Upper
41 100
69 0.0 62.0 93.0#
39 0.0 48.4 72.6#

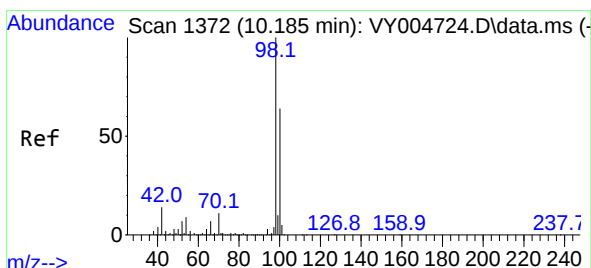
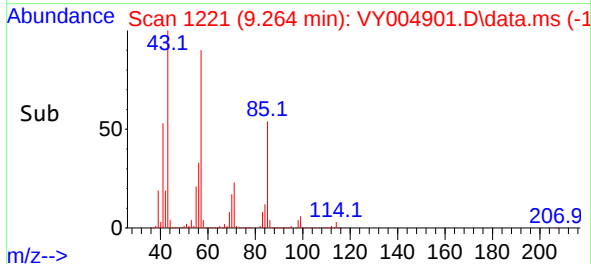
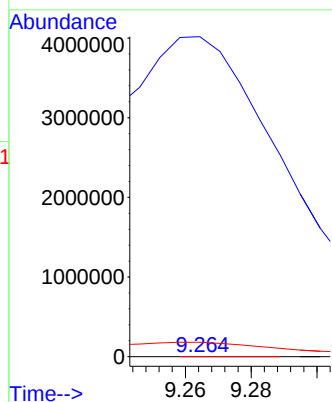
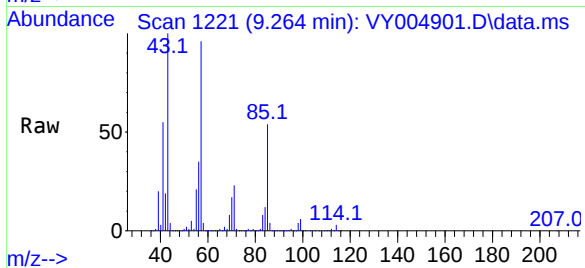




#49
1,4-Dioxane
Concen: 5.53 ug/l
RT: 9.264 min Scan# 1221
Delta R.T. -0.043 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

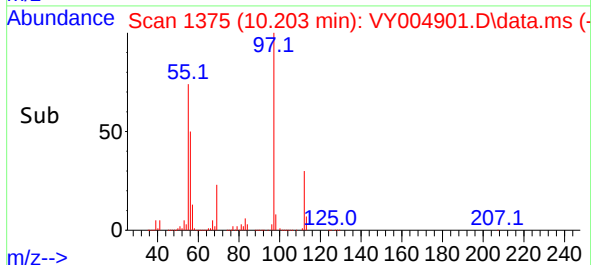
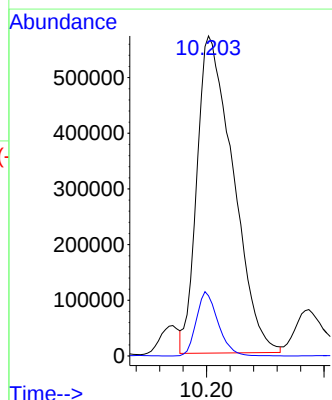
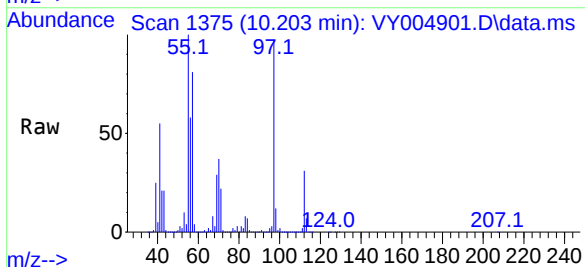
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

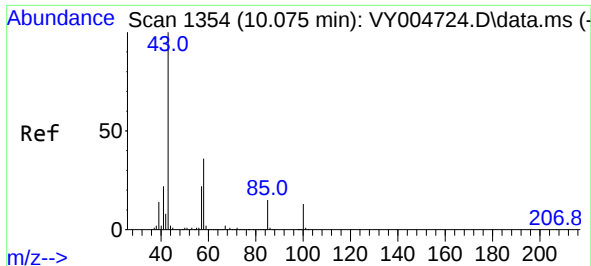
Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 0.0 32.1 48.1#
58 0.0 64.2 96.4#



#50
Toluene-d8
Concen: 325.24 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 98 Resp: 2431285
Ion Ratio Lower Upper
98 100
100 12.2 51.5 77.3#

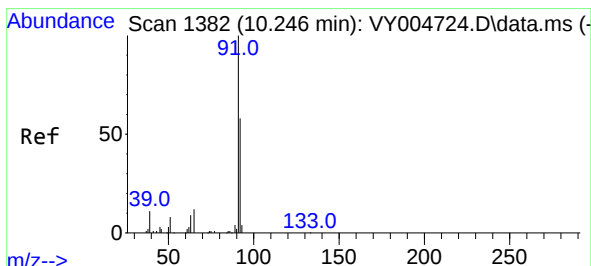
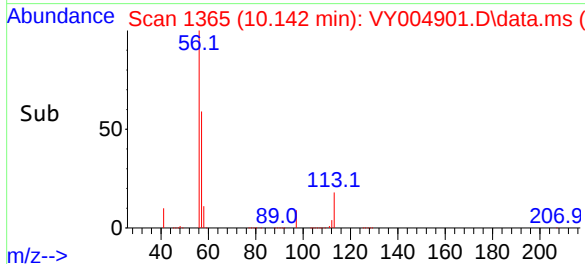
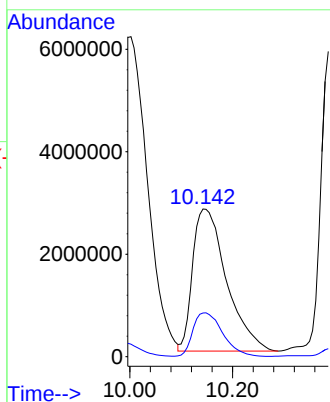
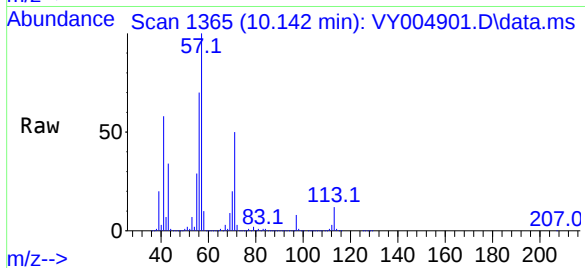




#51
4-Methyl-2-Pentanone
Concen: 5989.12 ug/l
RT: 10.142 min Scan# 1365
Delta R.T. 0.067 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

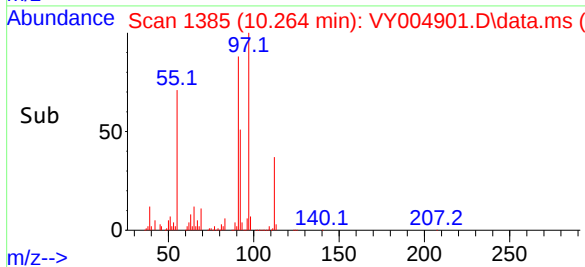
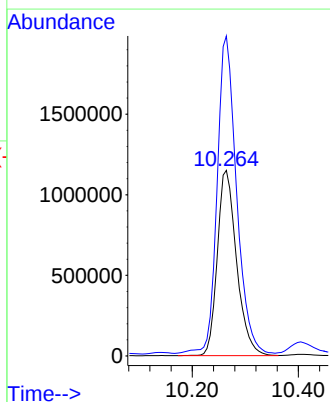
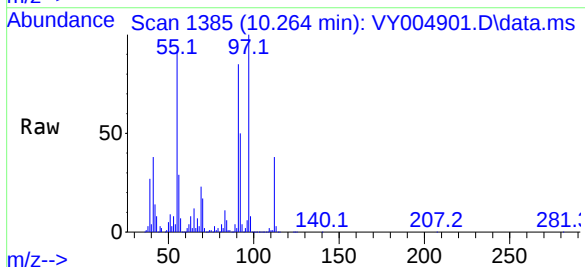
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

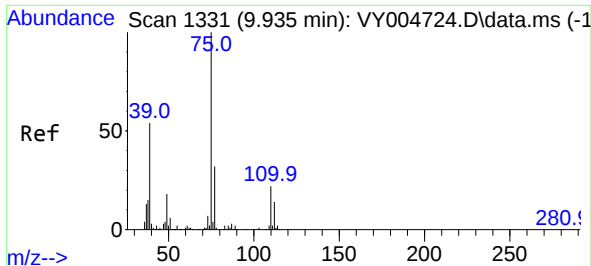
Tgt Ion: 43 Resp:12698956
Ion Ratio Lower Upper
43 100
58 26.9 28.7 43.1#



#52
Toluene
Concen: 523.26 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 92 Resp: 2893242
Ion Ratio Lower Upper
92 100
91 172.0 138.2 207.4

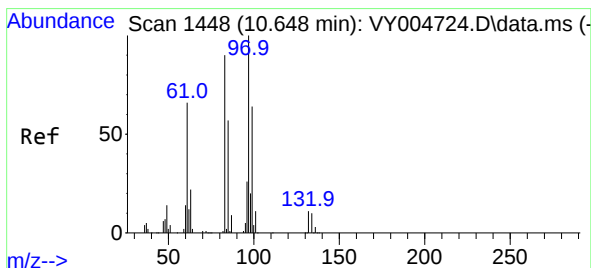
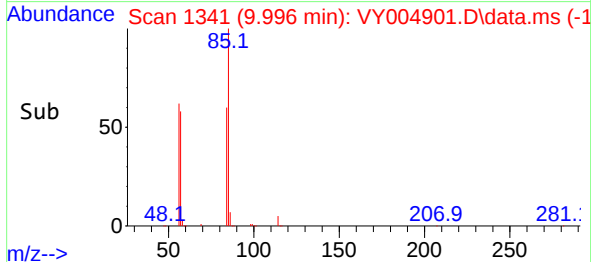
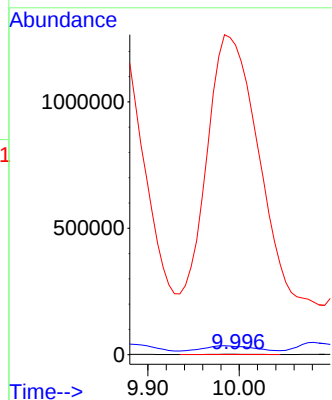
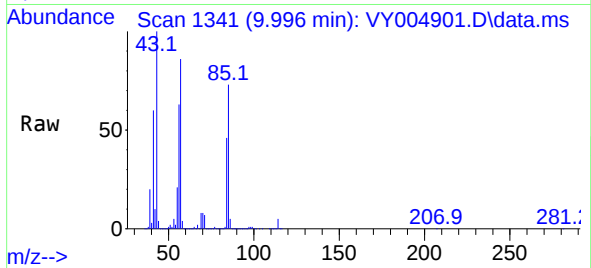




#54
cis-1,3-Dichloropropene
Concen: 1.43 ug/l
RT: 9.996 min Scan# 1341
Delta R.T. 0.061 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

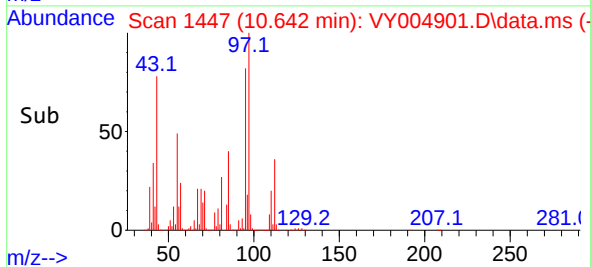
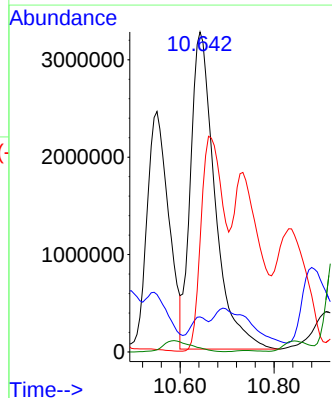
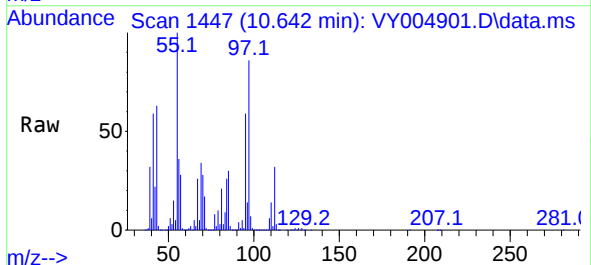
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

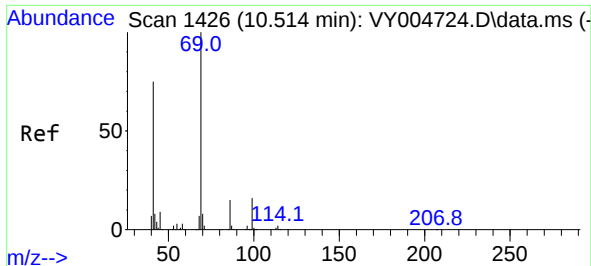
Tgt Ion: 75 Resp: 5342
Ion Ratio Lower Upper
75 100
77 1117.4 25.4 38.0#
39 63037.1 43.2 64.8#



#55
1,1,2-Trichloroethane
Concen: 6661.65 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 97 Resp: 11680881
Ion Ratio Lower Upper
97 100
83 7.7 71.9 107.9#
85 34.5 45.8 68.6#
99 0.0 51.1 76.7#

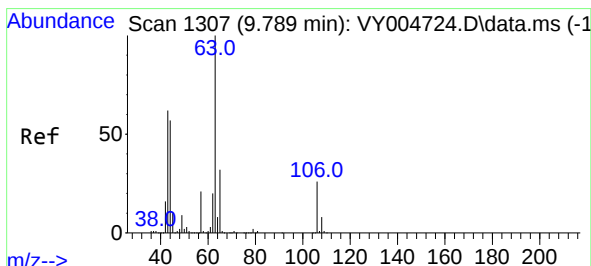
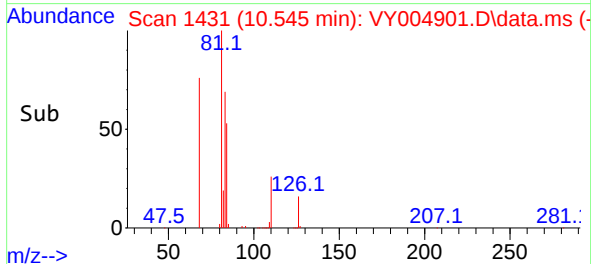
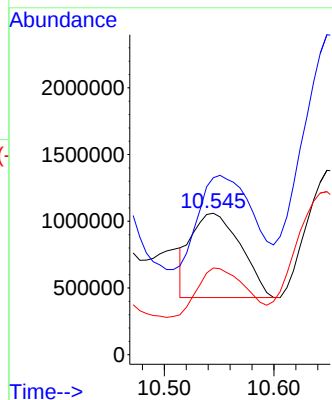
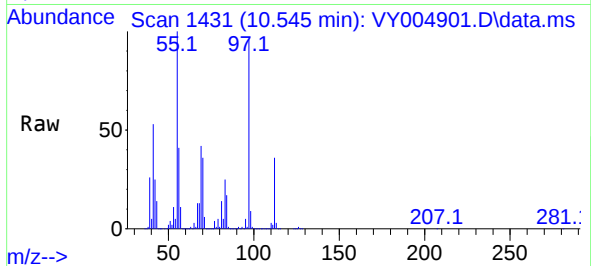




#56
Ethyl methacrylate
Concen: 779.53 ug/l
RT: 10.545 min Scan# 1431
Delta R.T. 0.031 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

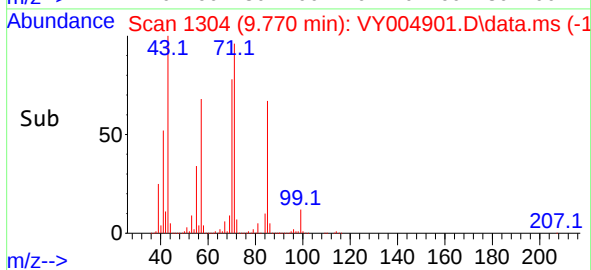
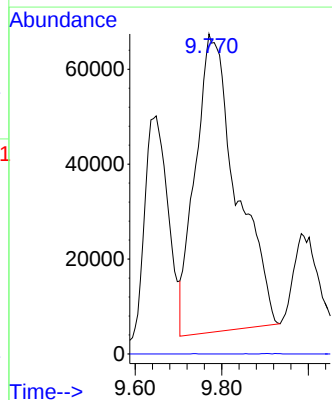
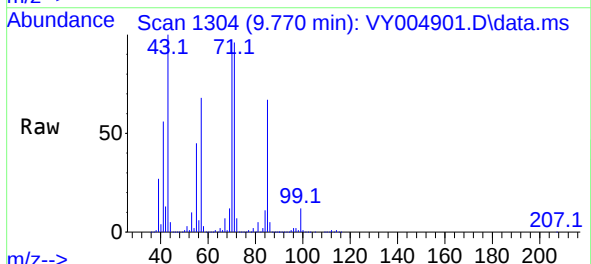
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

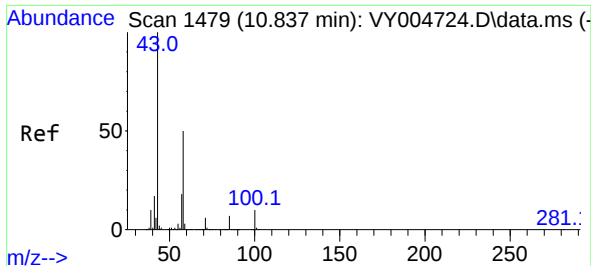
Tgt Ion: 69 Resp: 1976725
Ion Ratio Lower Upper
69 100
41 127.0 60.2 90.4#
39 58.1 33.5 50.3#



#58
2-Chloroethyl Vinyl ether
Concen: 317.12 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 63 Resp: 415076
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#

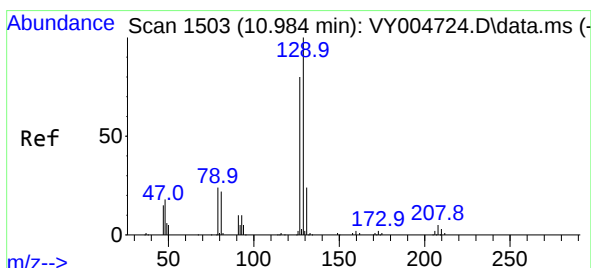
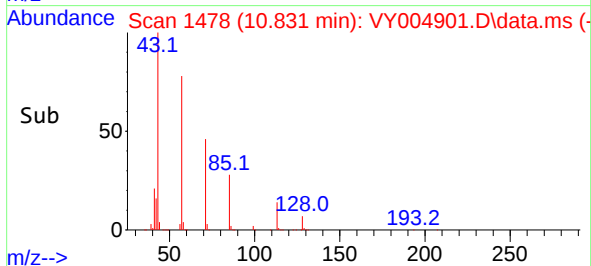
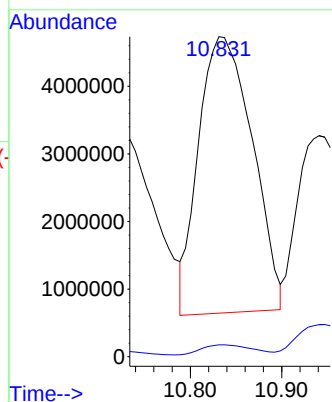
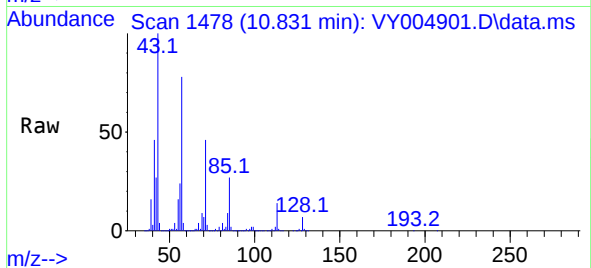




#59
2-Hexanone
Concen: 11629.03 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

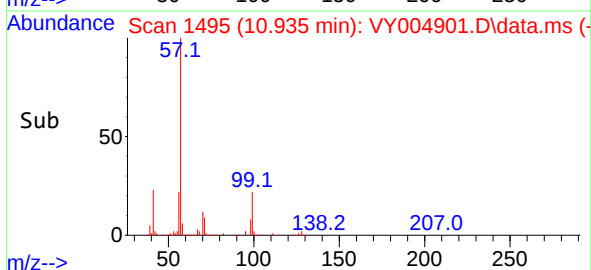
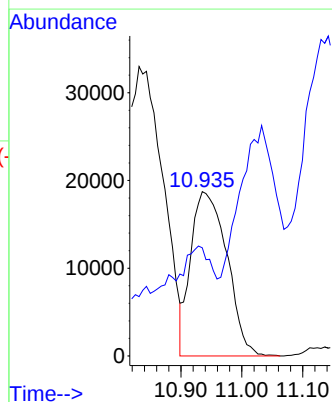
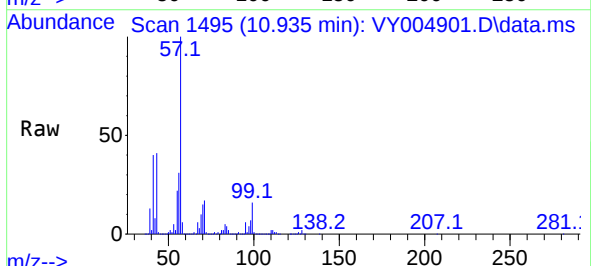
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

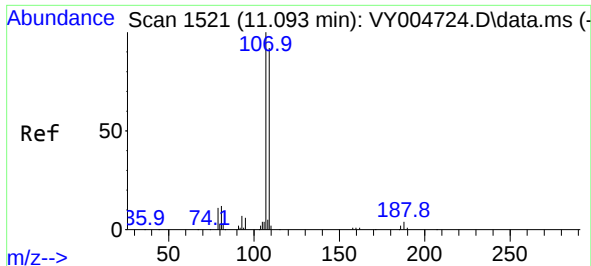
Tgt Ion: 43 Resp:16708521
Ion Ratio Lower Upper
43 100
58 3.6 24.9 74.8#



#60
Dibromochloromethane
Concen: 37.05 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. -0.049 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:129 Resp: 77254
Ion Ratio Lower Upper
129 100
127 10.2 39.4 118.1#

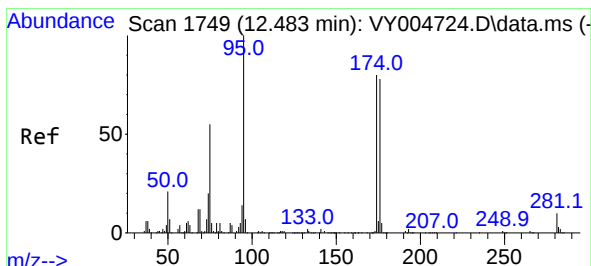
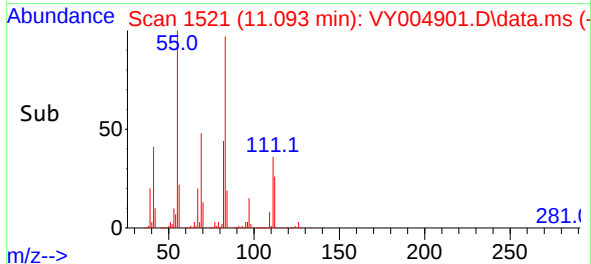
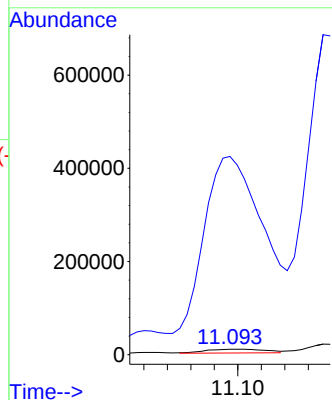
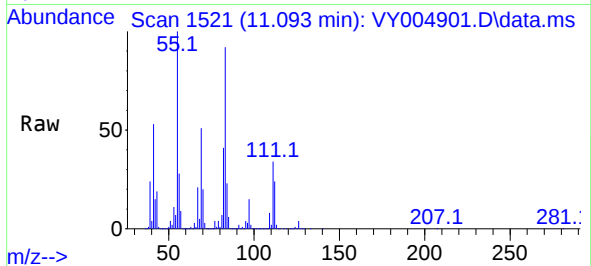




#61
1,2-Dibromoethane
Concen: 17.11 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

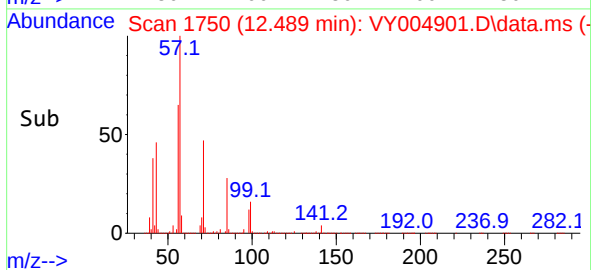
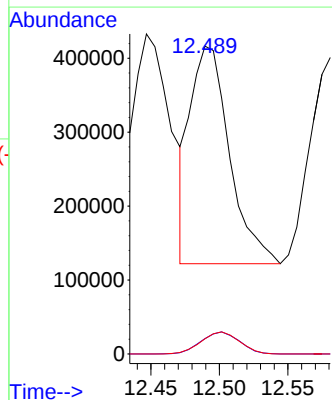
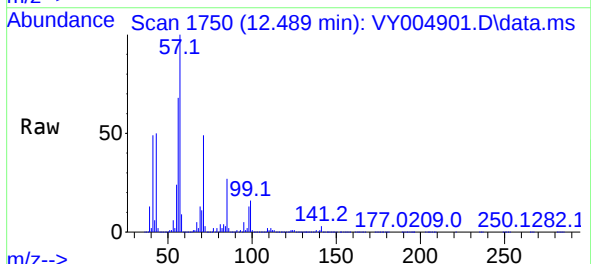
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

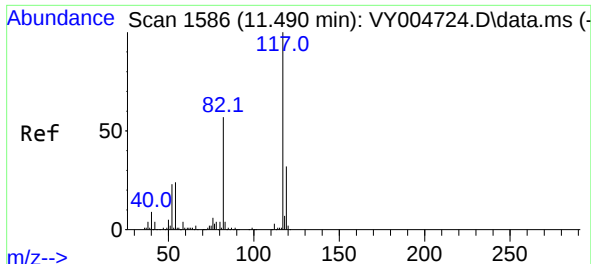
Tgt Ion:107 Resp: 28925
Ion Ratio Lower Upper
107 100
109 4592.8 73.8 110.6#



#62
4-Bromofluorobenzene
Concen: 232.38 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 95 Resp: 586302
Ion Ratio Lower Upper
95 100
174 9.9 0.0 164.2
176 9.9 0.0 159.0

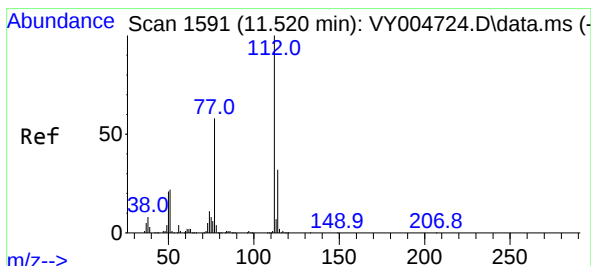
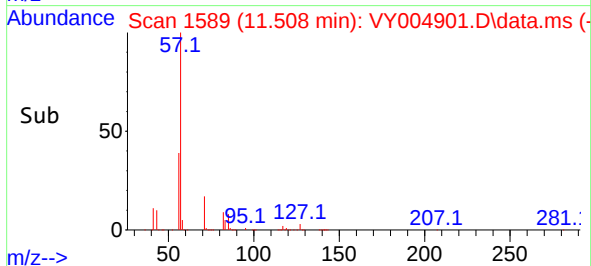
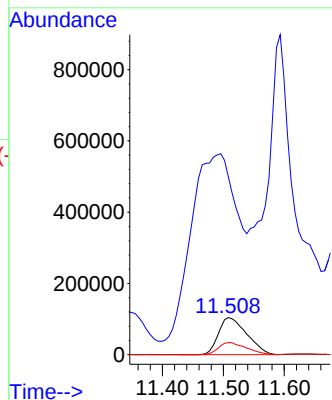
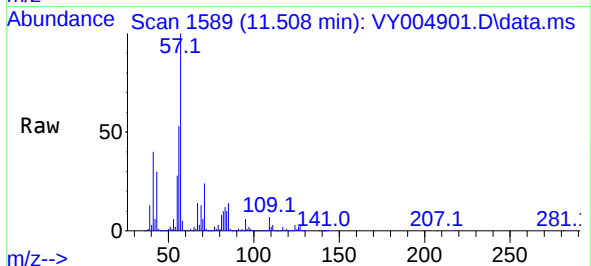




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

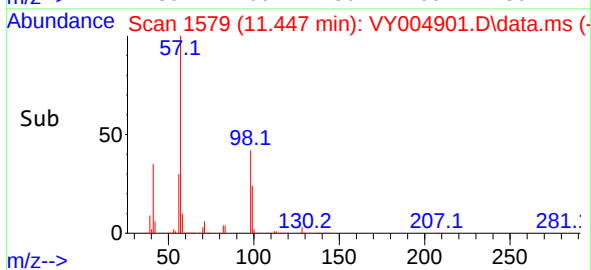
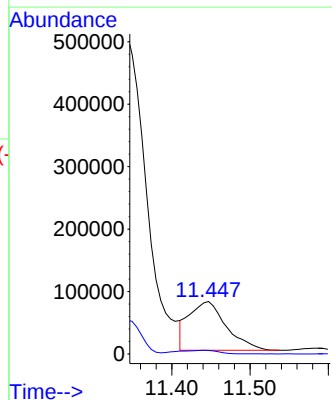
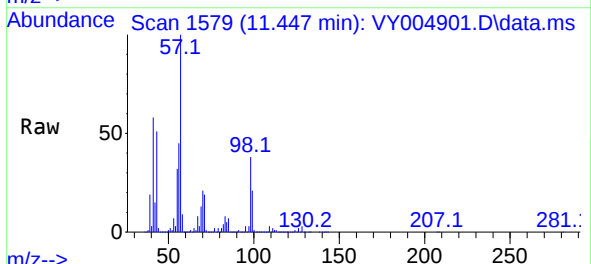
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

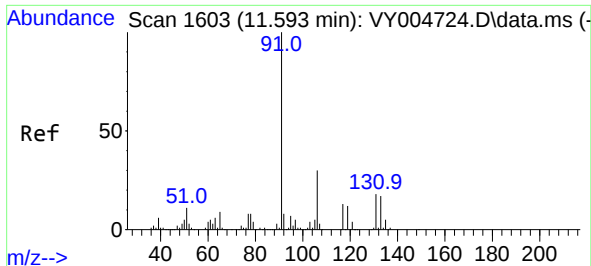
Tgt Ion:117 Resp: 335162
Ion Ratio Lower Upper
117 100
82 326.2 45.4 68.2#
119 32.5 25.8 38.6



#65
Chlorobenzene
Concen: 37.34 ug/l
RT: 11.447 min Scan# 1579
Delta R.T. -0.073 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:112 Resp: 257545
Ion Ratio Lower Upper
112 100
114 7.3 25.4 38.2#

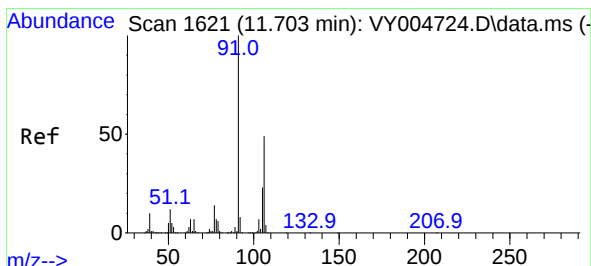
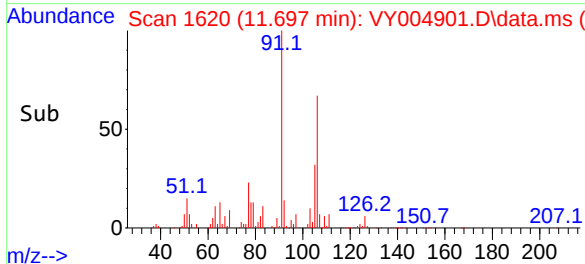
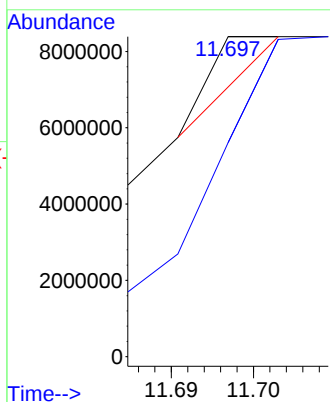
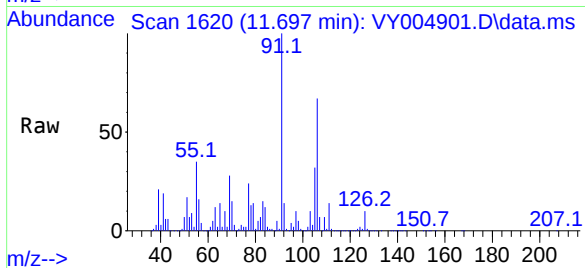




#67
Ethyl Benzene
Concen: 110.97 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.104 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

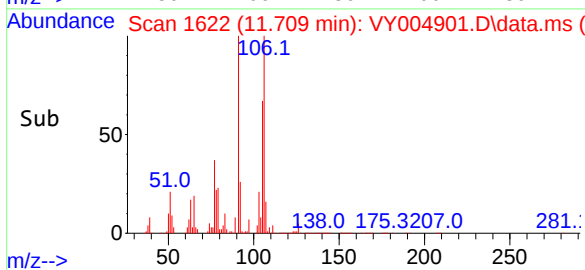
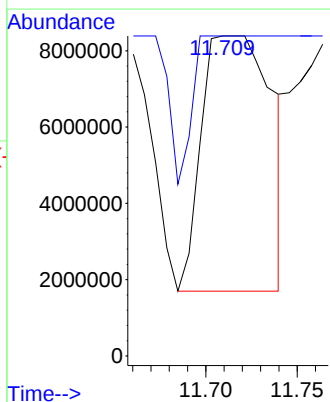
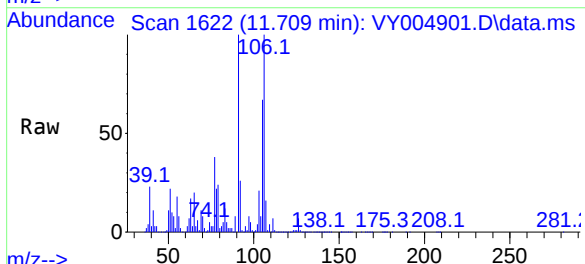
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

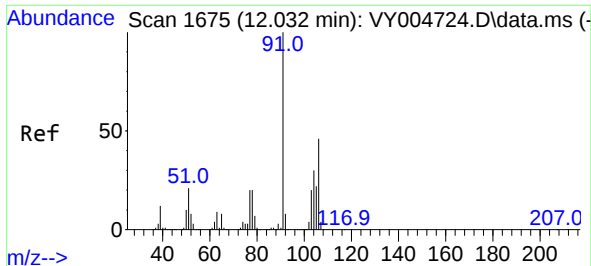
Tgt Ion: 91 Resp: 1422118
Ion Ratio Lower Upper
91 100
106 110.5 24.0 36.0#



#68
m/p-Xylenes
Concen: 3657.57 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:106 Resp:17612019
Ion Ratio Lower Upper
106 100
91 8.1 163.6 245.4#

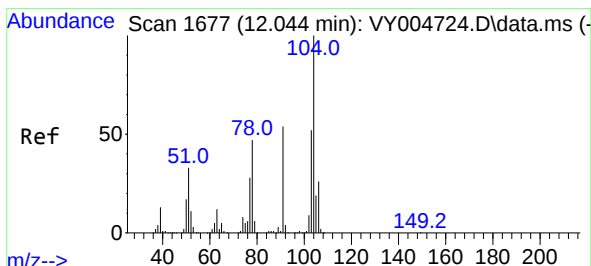
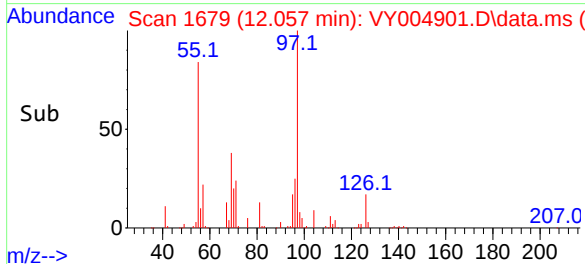
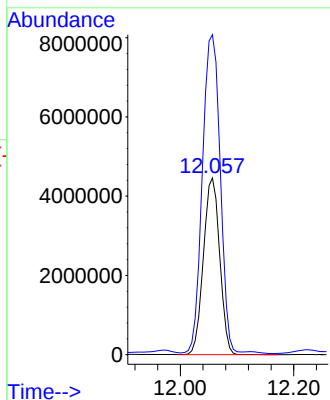
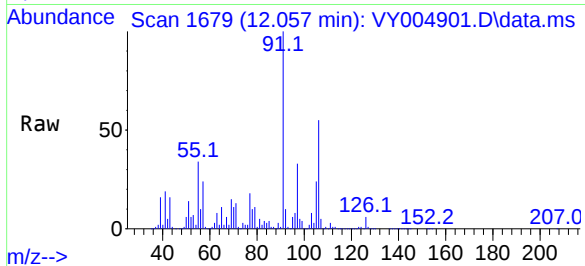




#69
o-Xylene
Concen: 1968.59 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.024 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

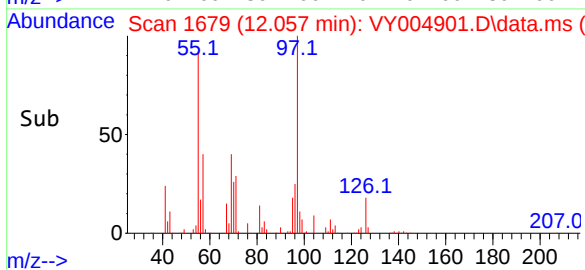
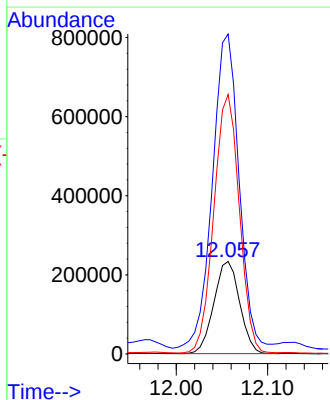
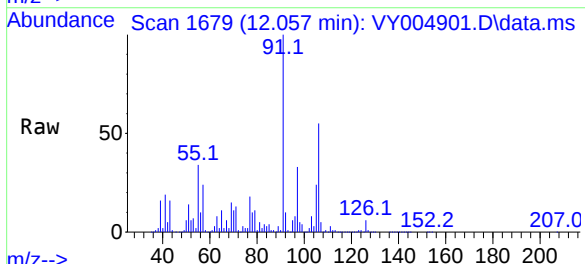
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

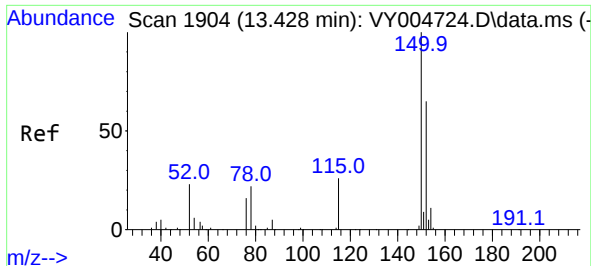
Tgt Ion:106 Resp: 8859056
Ion Ratio Lower Upper
106 100
91 196.8 108.9 326.7



#70
Styrene
Concen: 60.61 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:104 Resp: 457276
Ion Ratio Lower Upper
104 100
78 350.3 40.3 60.5#
103 276.4 44.2 66.4#

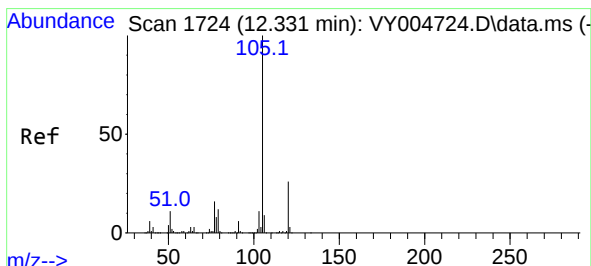
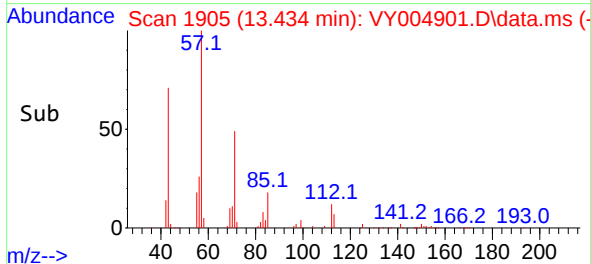
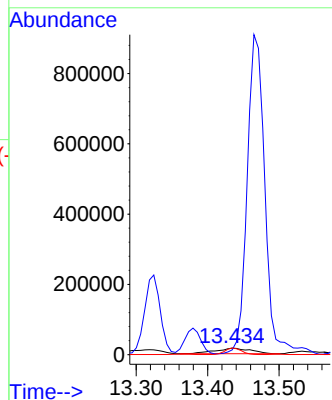
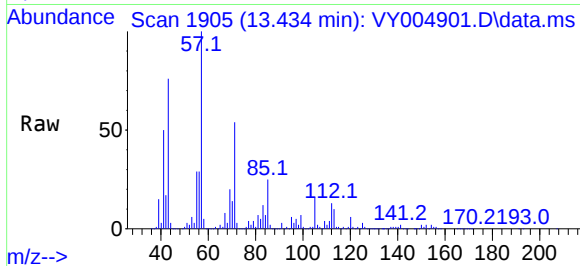




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

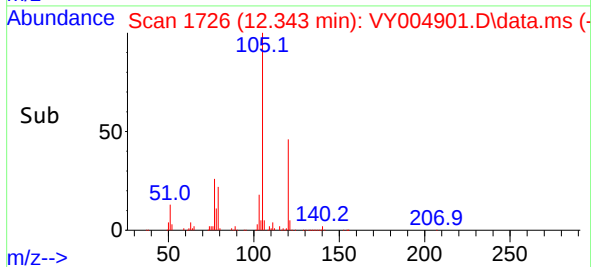
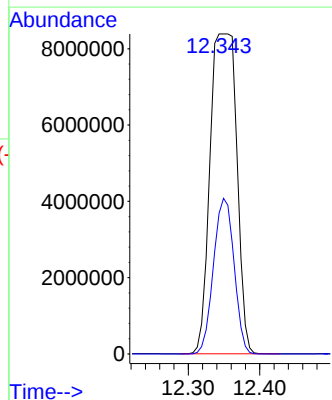
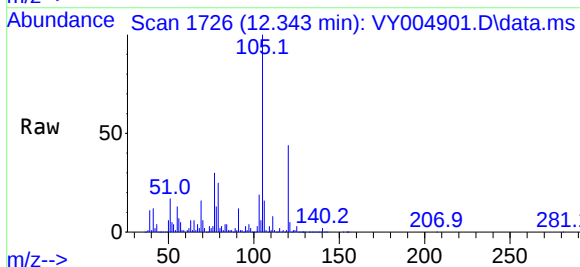
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

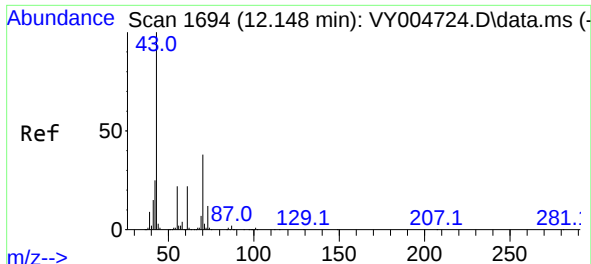
Tgt Ion:152 Resp: 55030
Ion Ratio Lower Upper
152 100
115 0.0 29.4 88.3#
150 54.6 0.0 349.8



#73
Isopropylbenzene
Concen: 5248.49 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:105 Resp:21788445
Ion Ratio Lower Upper
105 100
120 37.4 13.1 39.1

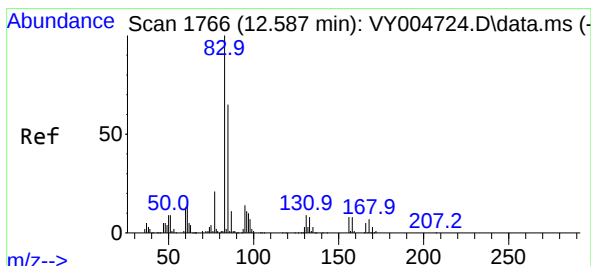
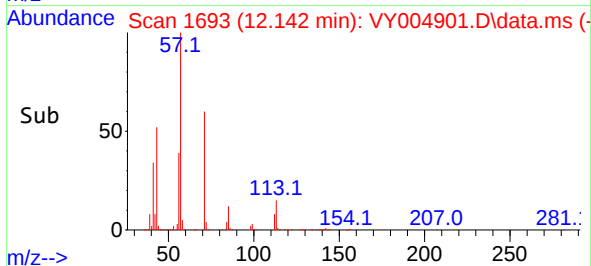
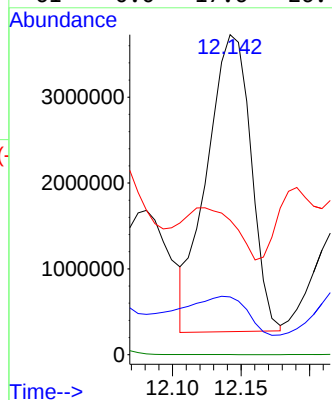
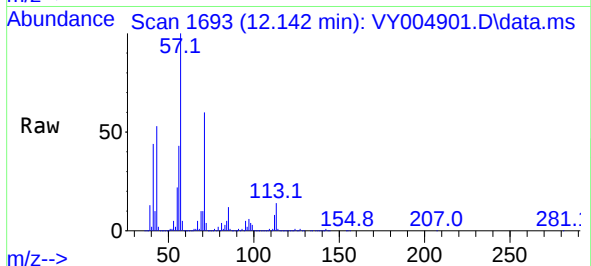




#74
N-amy1 acetate
Concen: 5280.44 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

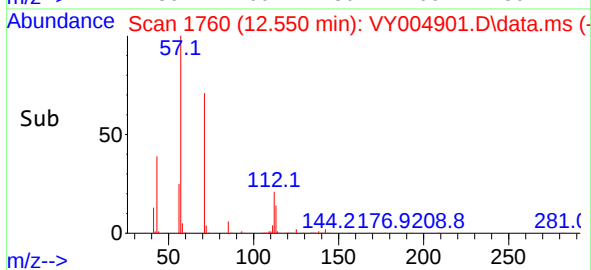
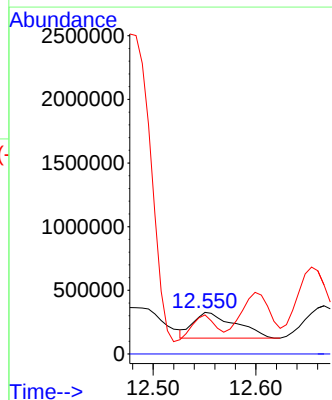
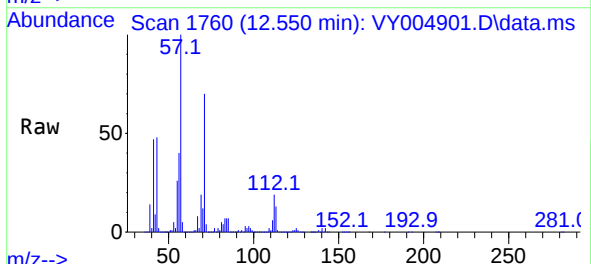
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

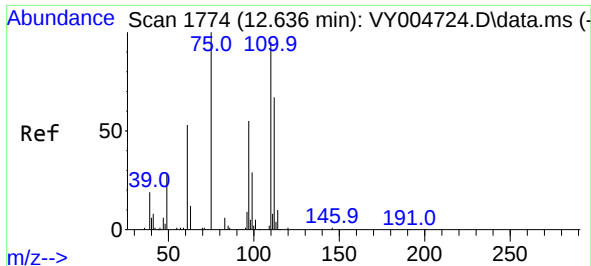
Tgt Ion: 43 Resp: 7750888
Ion Ratio Lower Upper
43 100
70 17.2 30.2 45.2#
55 0.0 17.8 26.8#
61 0.0 17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 700.92 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.036 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 83 Resp: 580688
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 59.8 32.1 96.5

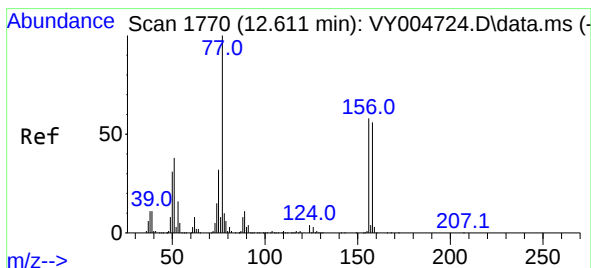
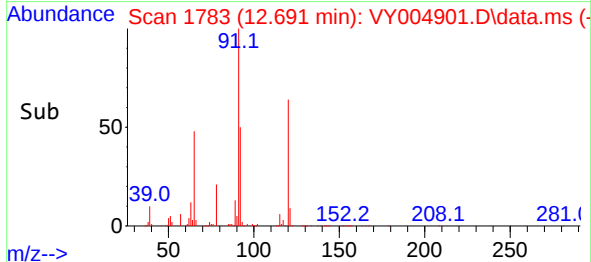
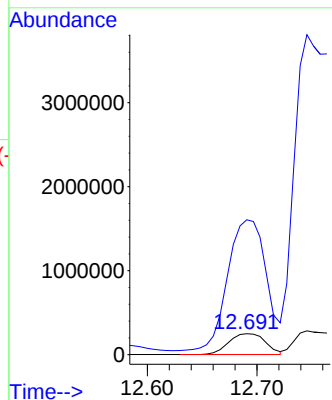
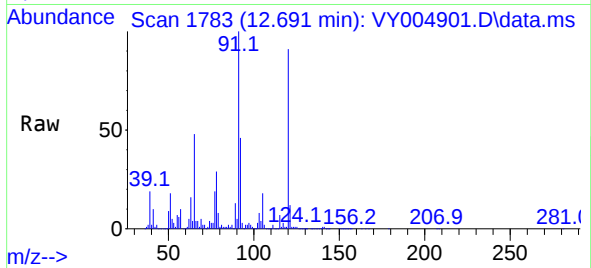




#76
1,2,3-Trichloropropane
Concen: 991.38 ug/l
RT: 12.691 min Scan# 1783
Delta R.T. 0.055 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

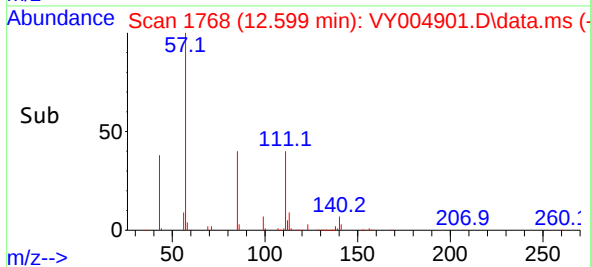
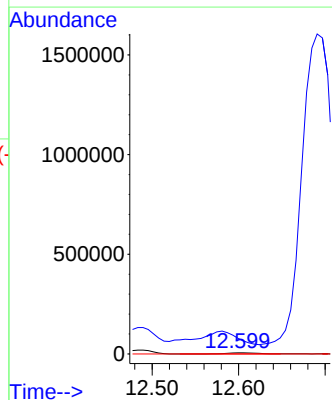
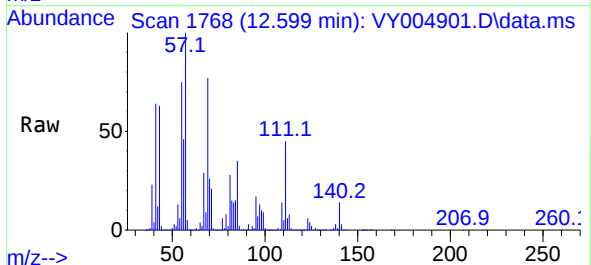
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

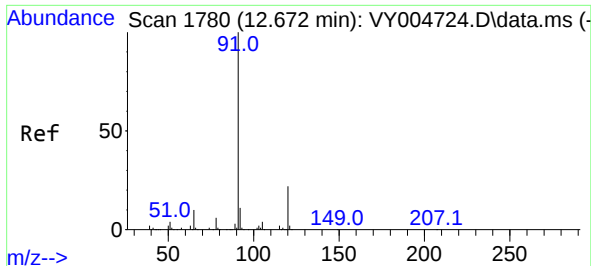
Tgt Ion: 75 Resp: 579462
Ion Ratio Lower Upper
75 100
77 658.7 0.0 0.0#



#77
Bromobenzene
Concen: 15.18 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:156 Resp: 14232
Ion Ratio Lower Upper
156 100
77 1428.4 100.6 301.9#
158 0.2 48.8 146.3#

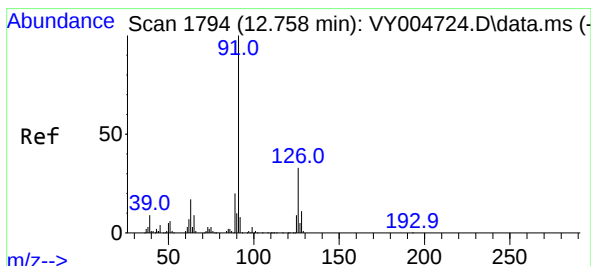
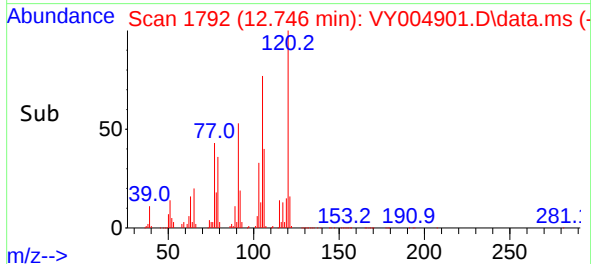
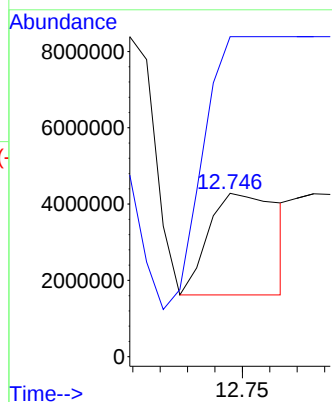
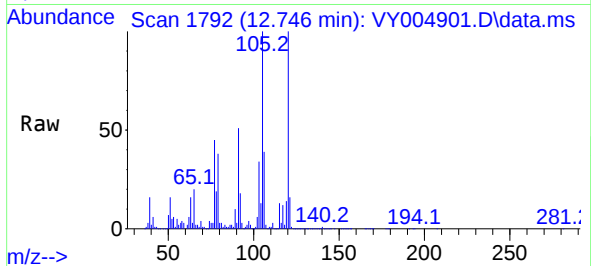




#78
n-propylbenzene
Concen: 930.69 ug/l
RT: 12.746 min Scan# 1792
Delta R.T. 0.073 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

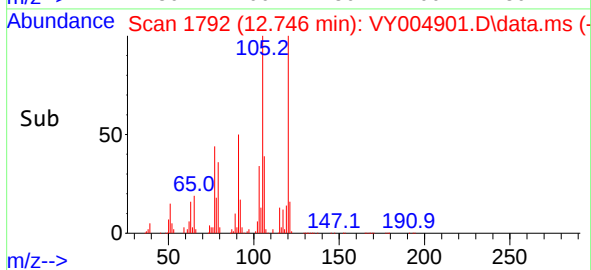
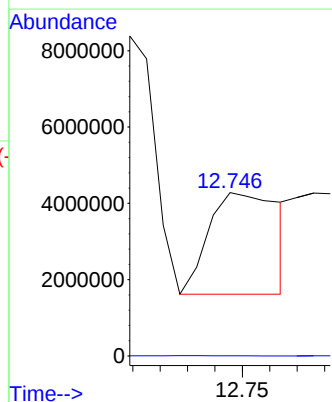
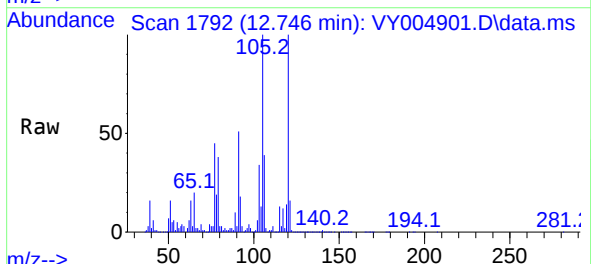
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

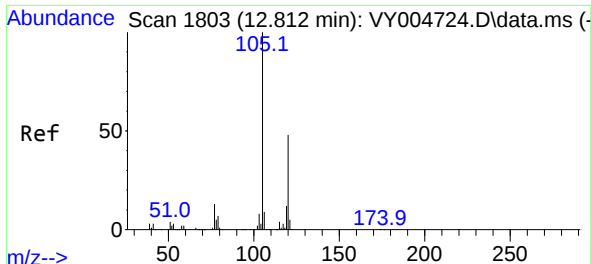
Tgt Ion: 91 Resp: 4715071
Ion Ratio Lower Upper
91 100
120 66.0 11.1 33.3#



#79
2-Chlorotoluene
Concen: 1696.08 ug/l
RT: 12.746 min Scan# 1792
Delta R.T. -0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 91 Resp: 4715071
Ion Ratio Lower Upper
91 100
126 0.2 16.8 50.3#

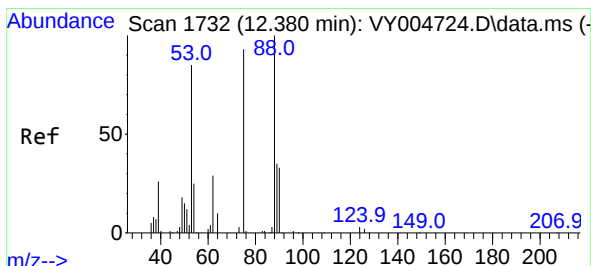
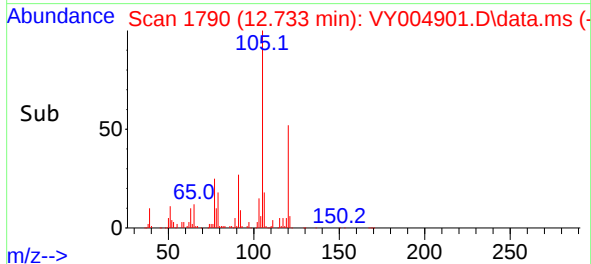
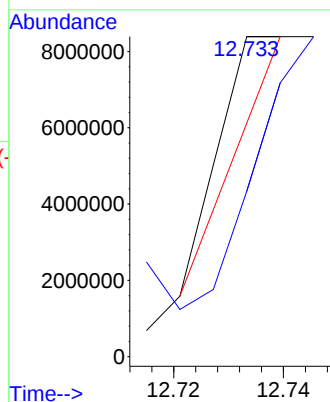
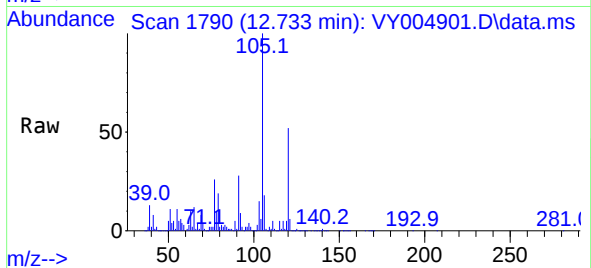




#80
1,3,5-Trimethylbenzene
Concen: 821.32 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.079 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

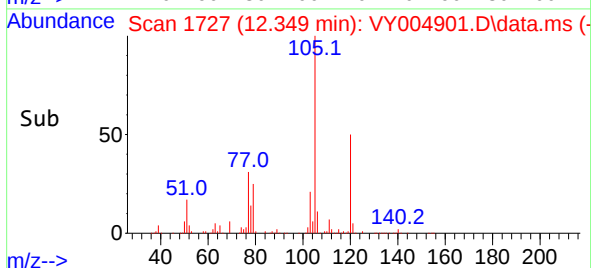
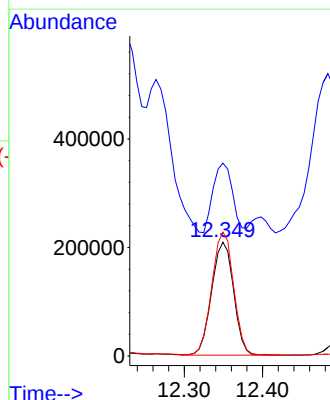
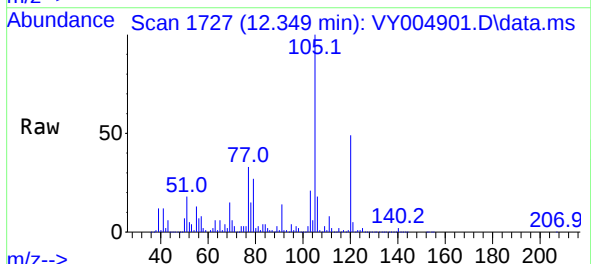
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

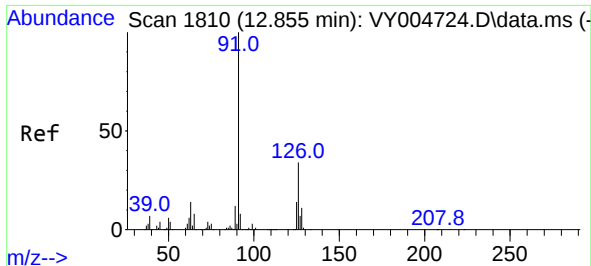
Tgt Ion:105 Resp: 2831746
Ion Ratio Lower Upper
105 100
120 109.9 24.0 72.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 1200.89 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. -0.030 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 75 Resp: 404817
Ion Ratio Lower Upper
75 100
53 54.4 73.9 110.9#
89 108.1 35.5 53.3#

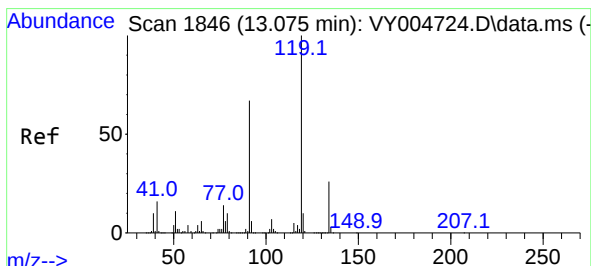
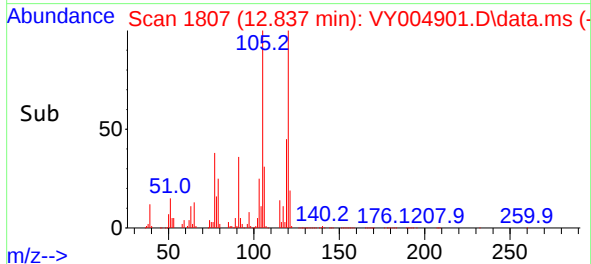
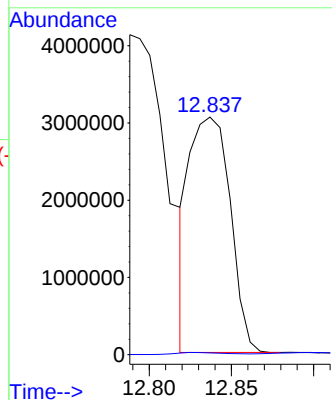
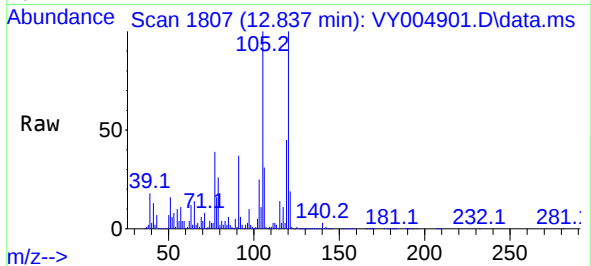




#82
4-Chlorotoluene
Concen: 1815.59 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. -0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

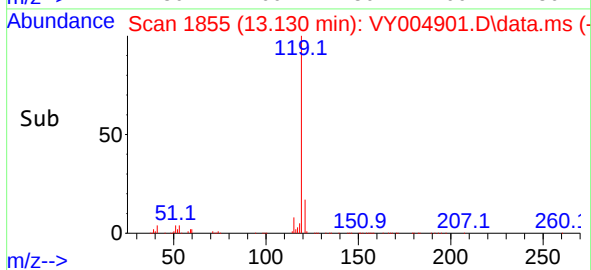
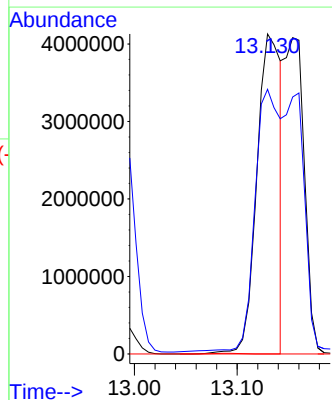
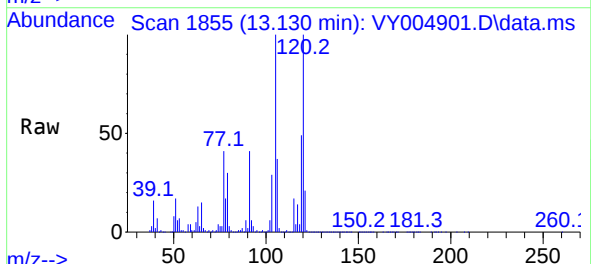
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

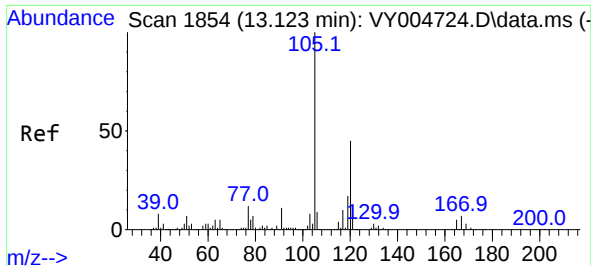
Tgt Ion: 91 Resp: 5241618
Ion Ratio Lower Upper
91 100
126 1.1 16.8 50.3#



#83
tert-Butylbenzene
Concen: 2264.59 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.055 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 119 Resp: 6665374
Ion Ratio Lower Upper
119 100
91 86.9 32.3 96.8
134 0.0 12.9 38.7#

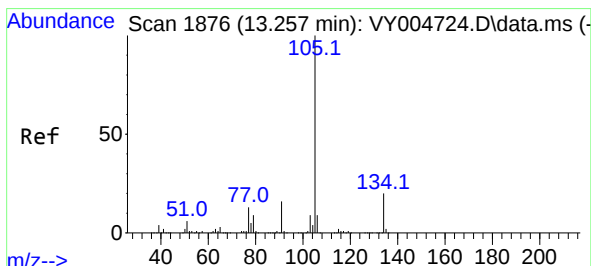
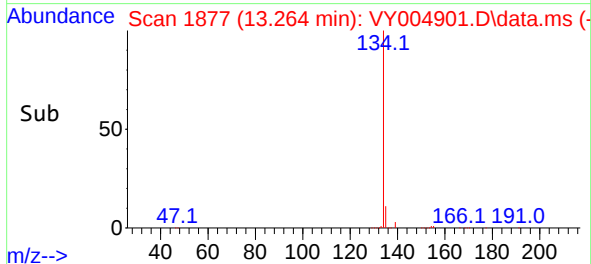
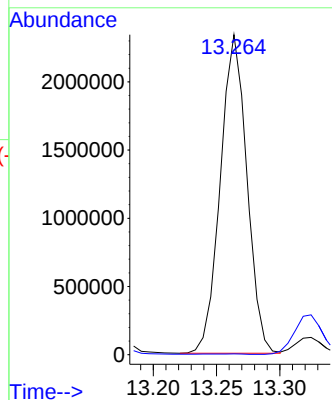
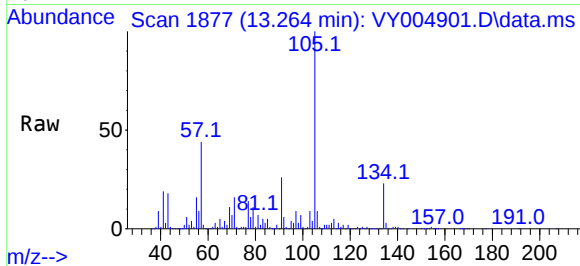




#84
1,2,4-Trimethylbenzene
Concen: 988.17 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.140 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

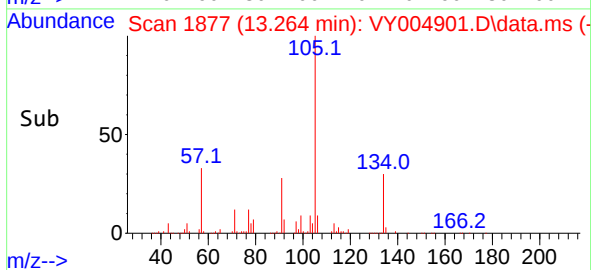
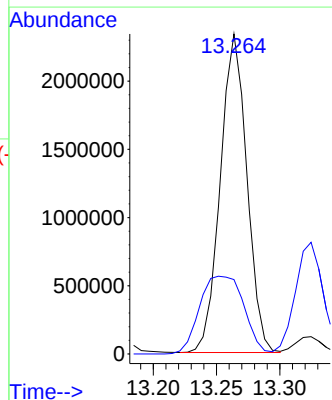
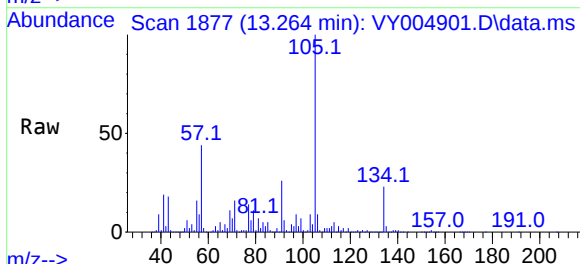
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

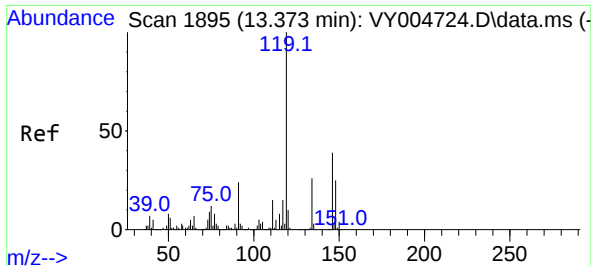
Tgt Ion:105 Resp: 3410064
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#



#85
sec-Butylbenzene
Concen: 796.87 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:105 Resp: 3410064
Ion Ratio Lower Upper
105 100
134 40.7 10.0 29.8#

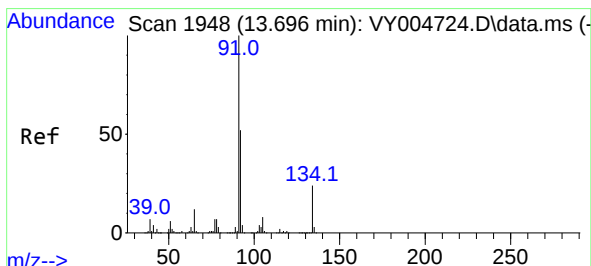
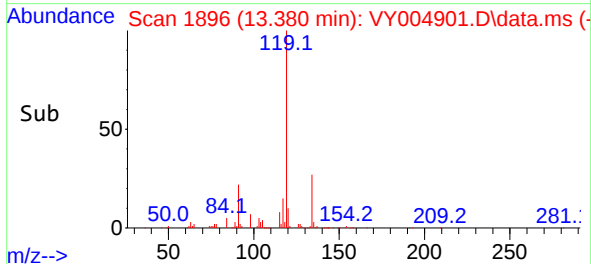
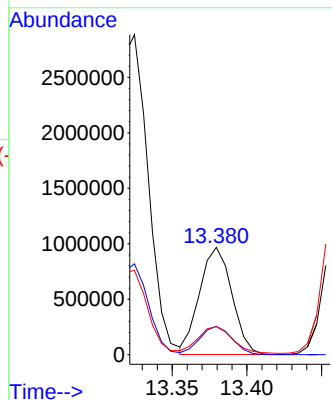
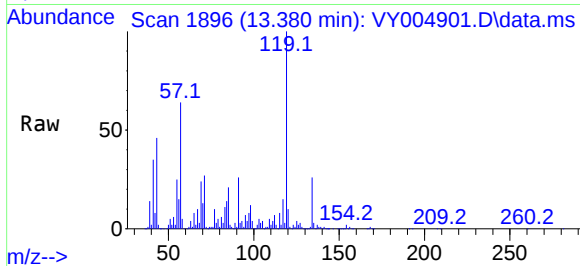




#86
p-Isopropyltoluene
Concen: 392.65 ug/l
RT: 13.380 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

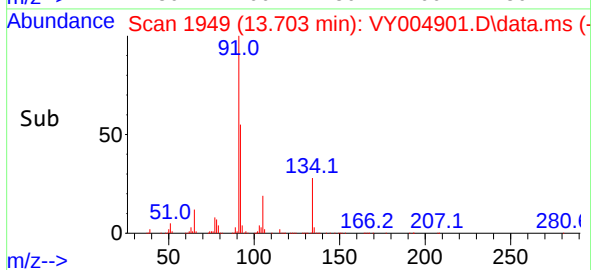
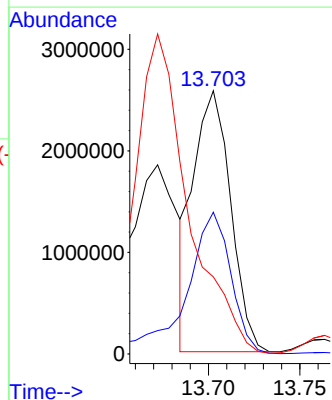
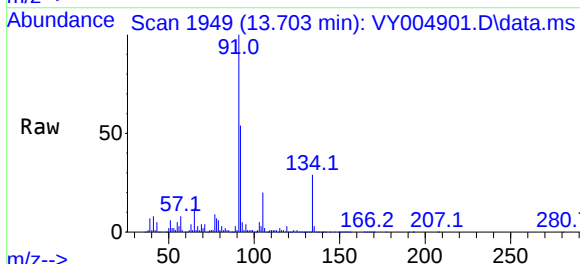
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

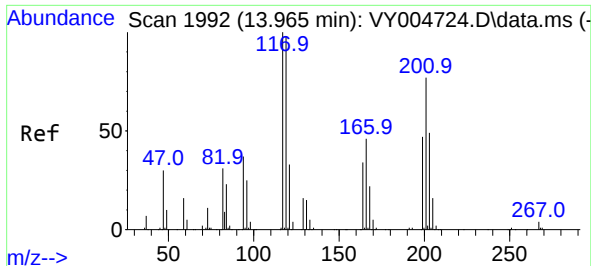
Tgt Ion:119 Resp: 1456532
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 26.0 12.0 36.1



#89
n-Butylbenzene
Concen: 998.76 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 91 Resp: 3622087
Ion Ratio Lower Upper
91 100
92 64.1 26.4 79.0
134 0.0 12.6 37.6#

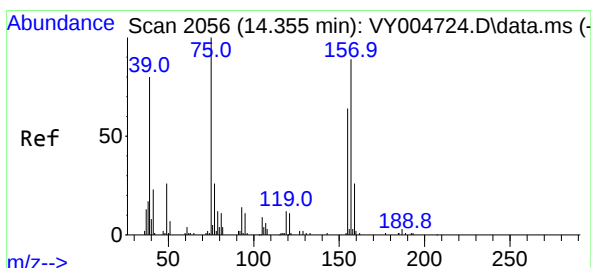
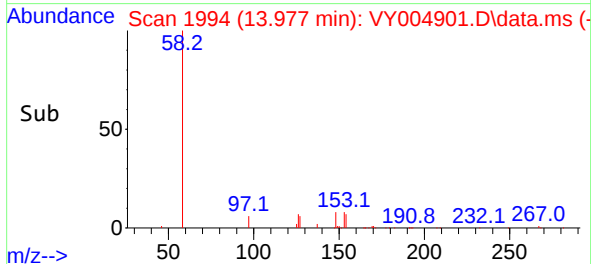
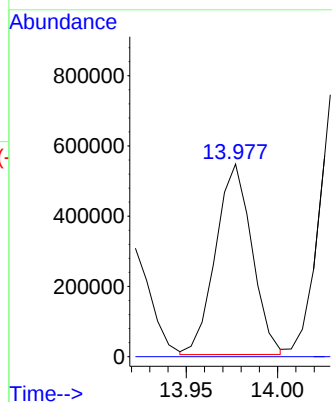
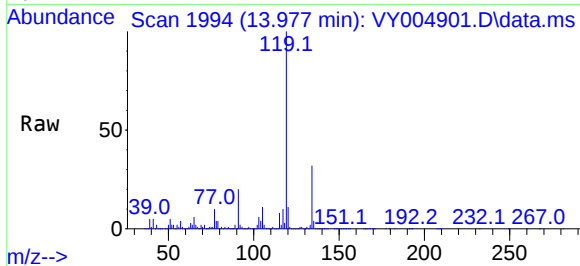




#90
Hexachloroethane
Concen: 1435.29 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

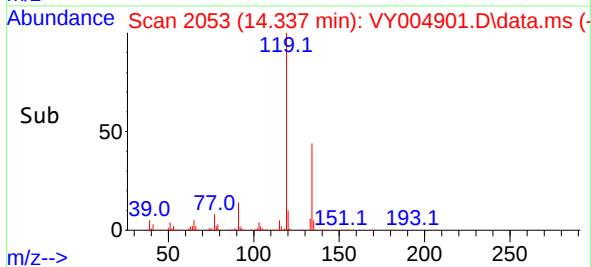
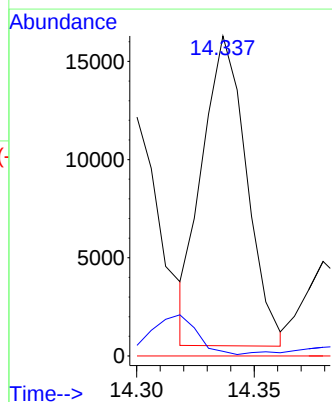
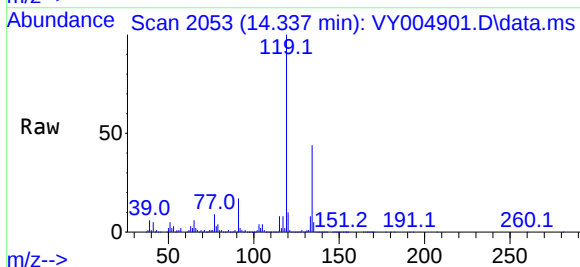
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

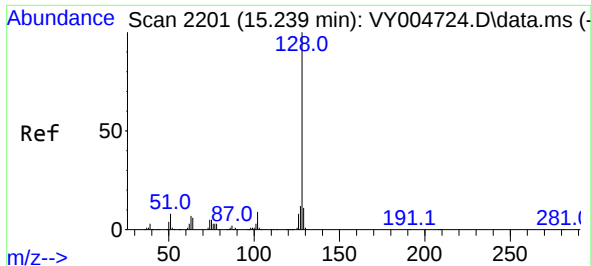
Tgt Ion:117 Resp: 749856
Ion Ratio Lower Upper
117 100
201 0.0 35.9 107.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 133.81 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 75 Resp: 20713
Ion Ratio Lower Upper
75 100
155 12.2 39.0 117.0#
157 0.0 50.2 150.7#





#95
Naphthalene
Concen: 452.35 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

Tgt Ion:128 Resp: 1022801
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.9 8.6 13.0

