

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011032.D
 Acq On : 20 Oct 2022 17:51
 Operator : KP/MD
 Sample : N5193-11
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-06-20-40

Quant Time: Oct 20 22:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	176546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359722	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.502	117	215146	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.404	152	218146	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146939	90.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.700%#	
35) Dibromofluoromethane	7.722	113	123218	61.965	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.940%	
50) Toluene-d8	10.197	98	5933215	789.937	ug/l	0.02
Spiked Amount	50.000	Range	49 - 140	Recovery	= 1579.880%#	
62) 4-Bromofluorobenzene	12.489	95	3452598	1379.348	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 2758.700%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1443	Below Cal	#	77
13) Acrolein	3.698	56	5215	19.892	ug/l	# 1
15) Acrylonitrile	5.247	53	134044	247.243	ug/l	# 40
16) Acetone	3.942	43	200530	424.619	ug/l	# 86
17) Carbon Disulfide	4.198	76	128576	26.188	ug/l	# 98
20) Methylene Chloride	4.716	84	18797	3.223	ug/l	# 1
23) Vinyl Acetate	6.106	43	44376	13.047	ug/l	# 82
24) 1,1-Dichloroethane	6.106	63	15362	4.473	ug/l	# 82
25) 2-Butanone	6.990	43	275177	384.224	ug/l	# 66
26) 2,2-Dichloropropane	6.801	77	55154	18.086	ug/l	# 55
28) Bromochloromethane	7.338	49	497	3.900	ug/l	# 16
29) Tetrahydrofuran	7.356	42	13855	31.443	ug/l	# 38
30) Chloroform	7.478	83	760708	219.742	ug/l	# 19
31) Cyclohexane	7.789	56	10795256	3468.929	ug/l	# 81
37) Ethyl Acetate	6.990	43	275177	148.424	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	18028	5.215	ug/l	# 16
39) Methylcyclohexane	9.203	83	34172001	8519.898	ug/l	# 84
40) Benzene	8.167	78	614182	62.509	ug/l	# 96
41) Methacrylonitrile	7.362	41	152189	151.479	ug/l	# 43
42) 1,2-Dichloroethane	8.289	62	33903	12.453	ug/l	# 1
43) Isopropyl Acetate	8.283	43	4074519	1230.044	ug/l	# 57
45) 1,2-Dichloropropane	9.191	63	522855	209.734	ug/l	# 1
46) Dibromomethane	9.276	93	123257	88.647	ug/l	# 1
47) Bromodichloromethane	9.496	83	4718275	1408.151	ug/l	# 44
48) Methyl methacrylate	9.380	41	3425831	2310.881	ug/l	# 1
49) 1,4-Dioxane	9.270	88	383	19.172	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.026	43	33973770	18390.538	ug/l	# 40
52) Toluene	10.258	92	305293	50.015	ug/l	# 10
53) t-1,3-Dichloropropene	10.490	75	10220	2.936	ug/l	# 1
54) cis-1,3-Dichloropropene	9.892	75	14239	3.575	ug/l	# 1
55) 1,1,2-Trichloroethane	10.648	97	19196559	9570.174	ug/l	# 25
56) Ethyl methacrylate	10.532	69	8247298	3095.693	ug/l	# 85
57) 1,3-Dichloropropane	10.794	76	7587	2.200	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.721	63	230929	180.268	ug/l	# 48
59) 2-Hexanone	10.831	43	24552199	19348.148	ug/l	# 37
60) Dibromochloromethane	10.953	129	188645	79.091	ug/l	# 11

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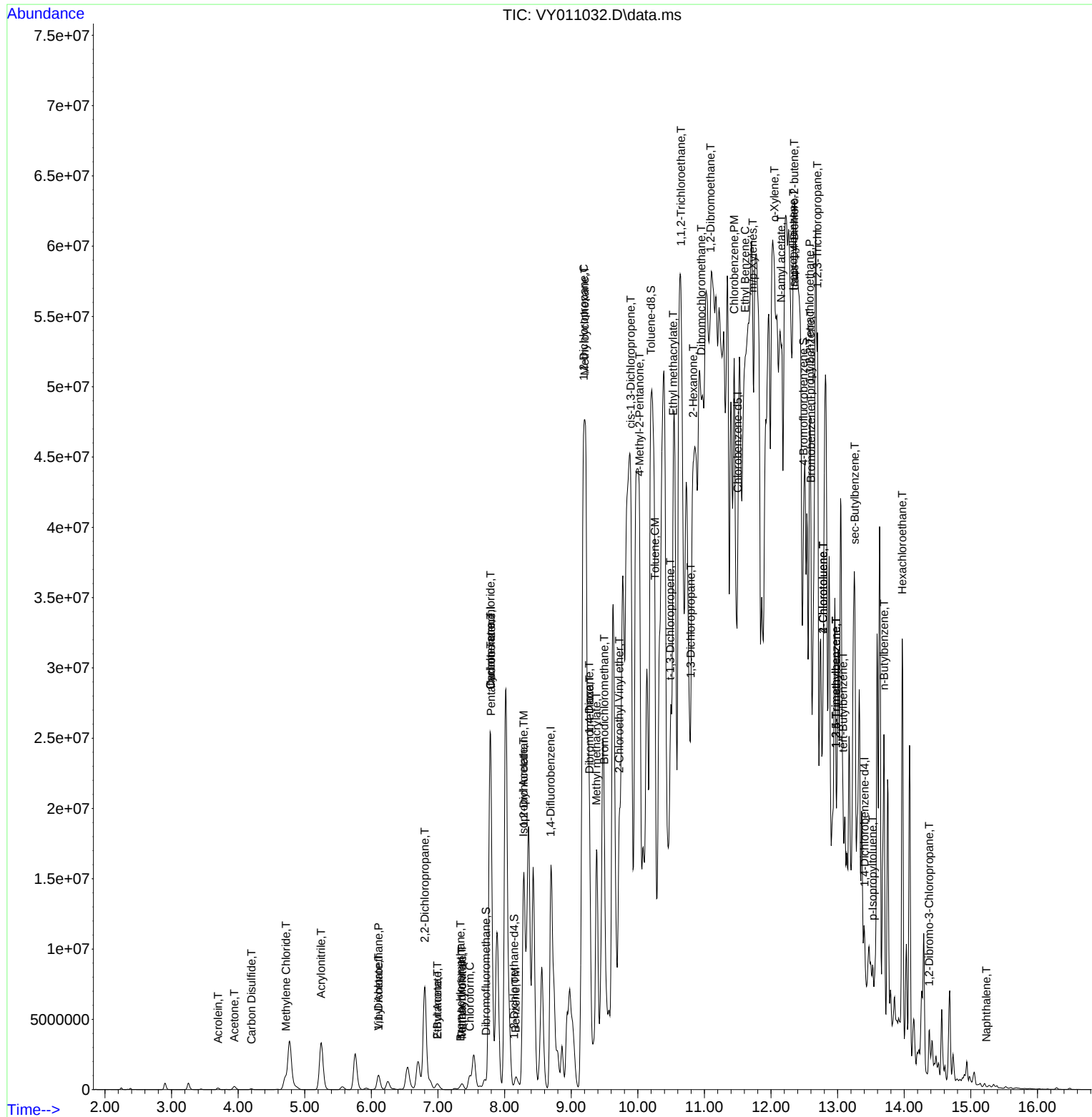
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
61) 1,2-Dibromoethane	11.093	107	152776	79.534	ug/l	#	1
65) Chlorobenzene	11.447	112	331990	75.161	ug/l	#	52
67) Ethyl Benzene	11.611	91	3182347	407.246	ug/l		97
68) m/p-Xylenes	11.727	106	743078	247.196	ug/l	#	63
69) o-Xylene	12.050	106	195557	68.511	ug/l		34
73) Isopropylbenzene	12.337	105	23024084	1452.740	ug/l	#	74
74) N-amyl acetate	12.154	43	8264752	2055.327	ug/l	#	47
75) 1,1,2,2-Tetrachloroethane	12.581	83	1058988	318.382	ug/l	#	44
76) 1,2,3-Trichloropropane	12.697	75	465969	188.145	ug/l	#	100
77) Bromobenzene	12.599	156	28324	7.646	ug/l	#	1
78) n-propylbenzene	12.593	91	309192	16.035	ug/l	#	53
79) 2-Chlorotoluene	12.782	91	446955	41.158	ug/l	#	41
80) 1,3,5-Trimethylbenzene	12.977	105	2001227	151.337	ug/l		73
81) trans-1,4-Dichloro-2-b...	12.349	75	415135	360.502	ug/l	#	1
82) 4-Chlorotoluene	12.782	91	446955	39.530	ug/l	#	41
83) tert-Butylbenzene	13.081	119	1278463	111.803	ug/l		90
84) 1,2,4-Trimethylbenzene	12.977	105	2001227	153.473	ug/l		78
85) sec-Butylbenzene	13.257	105	12462490	725.279	ug/l	#	37
86) p-Isopropyltoluene	13.526	119	1497604	105.060	ug/l		94
89) n-Butylbenzene	13.696	91	11361522	852.936	ug/l	#	87
90) Hexachloroethane	13.971	117	1590349	565.316	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9660	17.565	ug/l	#	10
95) Naphthalene	15.233	128	12756	1.584	ug/l	#	69

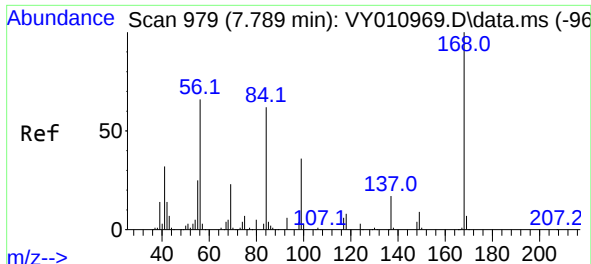
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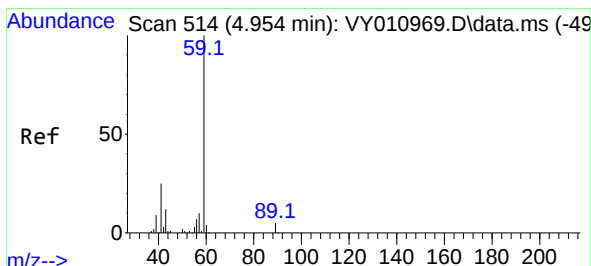
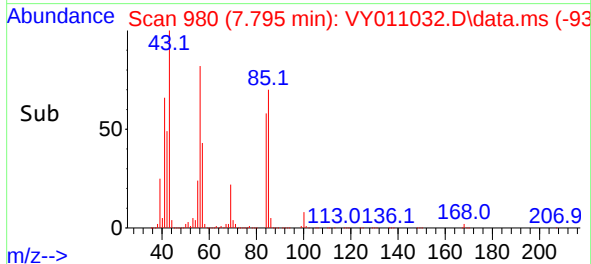
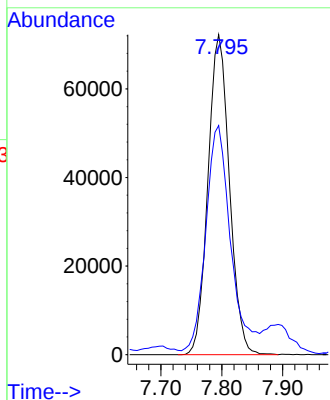
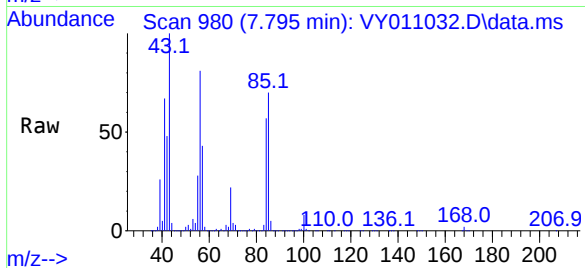




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011032.D
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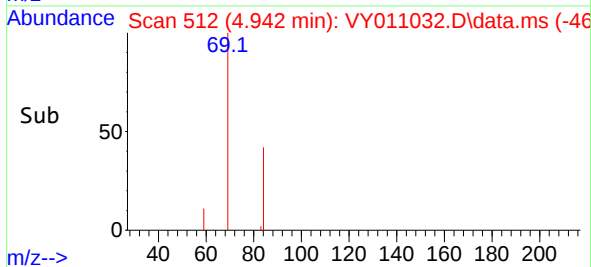
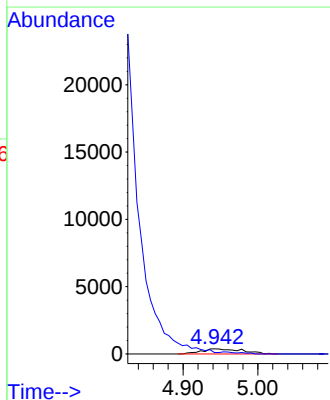
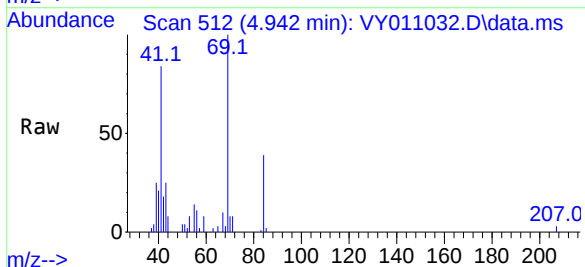
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

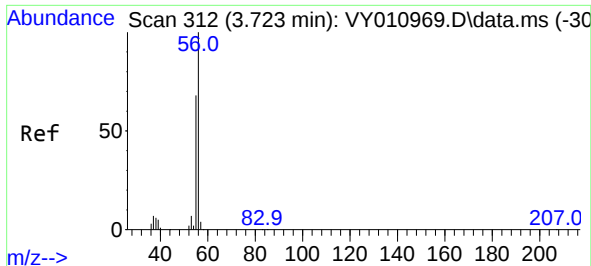
Tgt Ion:168 Resp: 176546
Ion Ratio Lower Upper
168 100
99 70.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 59 Resp: 1443
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

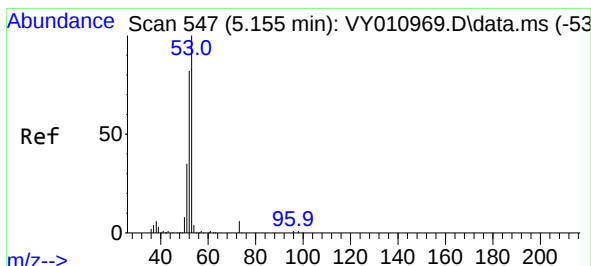
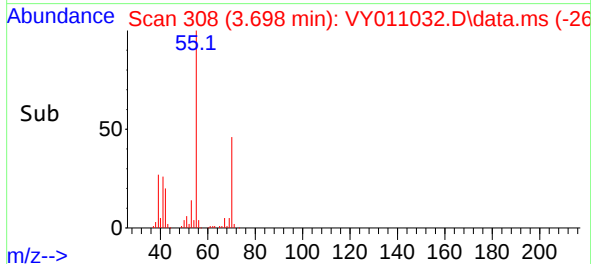
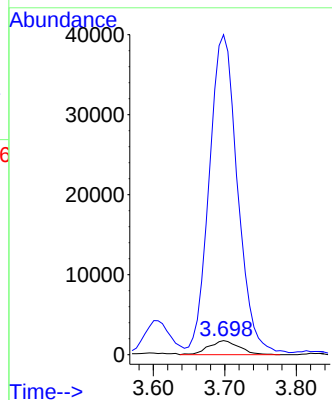
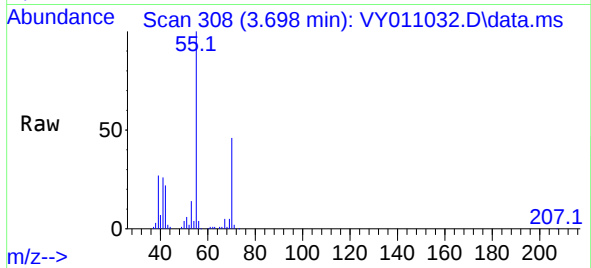




#13
Acrolein
Concen: 19.892 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.025 min
Lab File: VY011032.D
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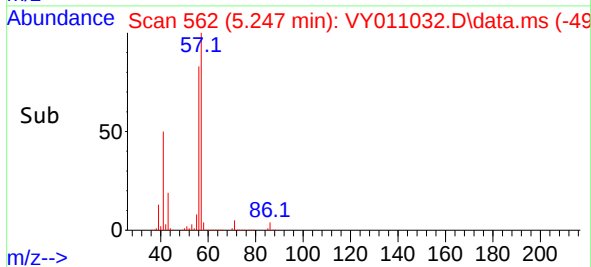
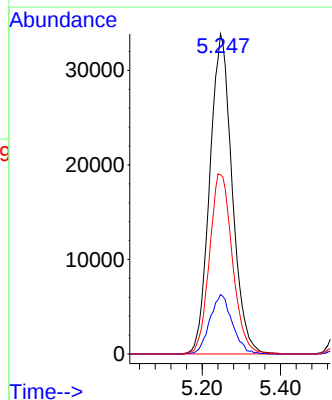
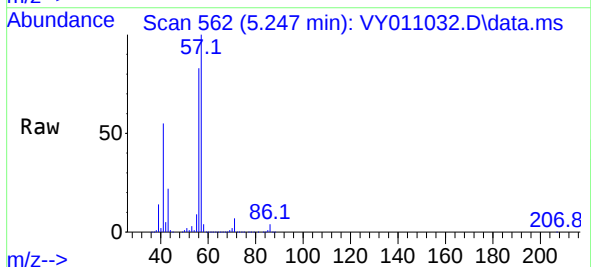
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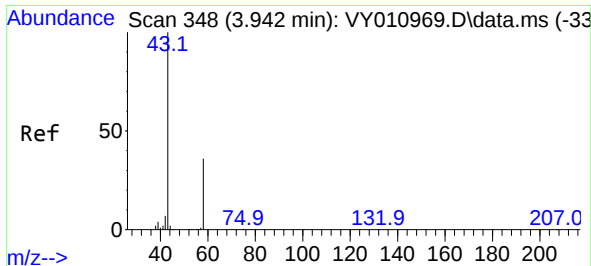
Tgt Ion: 56 Resp: 5215
Ion Ratio Lower Upper
56 100
55 2090.3 57.6 86.4#



#15
Acrylonitrile
Concen: 247.243 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.092 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 53 Resp: 134044
Ion Ratio Lower Upper
53 100
52 18.7 67.0 100.4#
51 57.6 29.8 44.6#

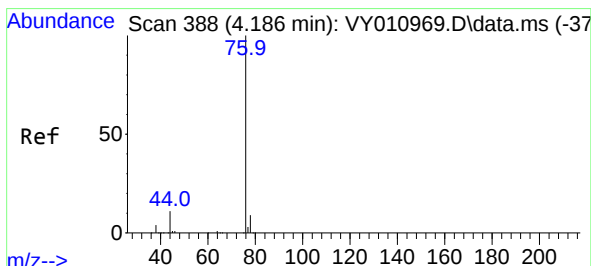
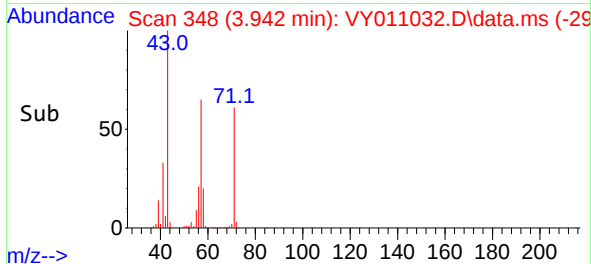
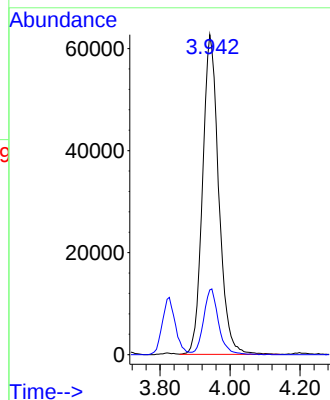
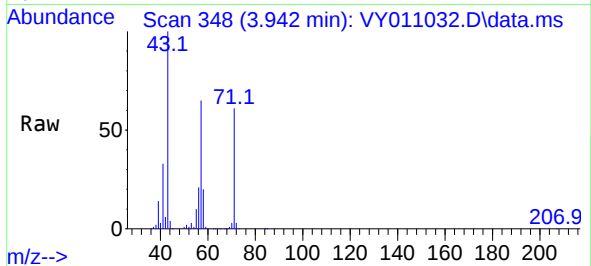




#16
Acetone
Concen: 424.619 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

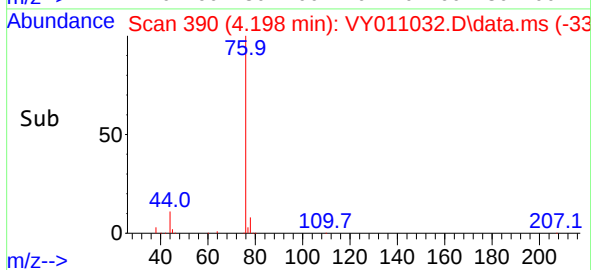
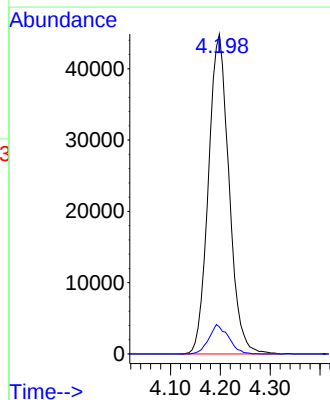
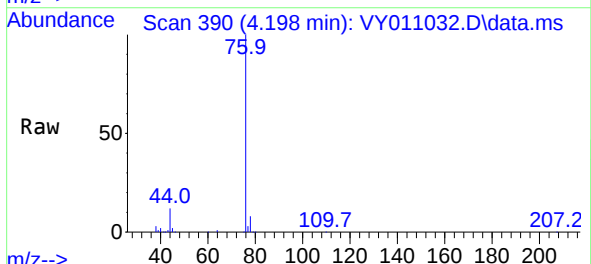
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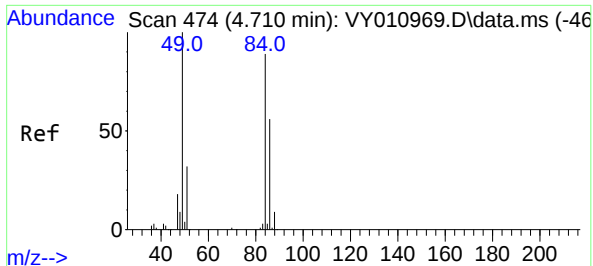
Tgt Ion: 43 Resp: 200530
Ion Ratio Lower Upper
43 100
58 20.3 22.0 33.0#



#17
Carbon Disulfide
Concen: 26.188 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 76 Resp: 128576
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

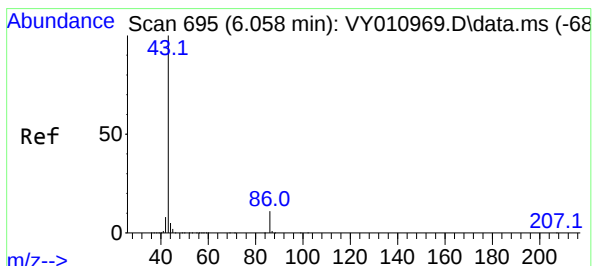
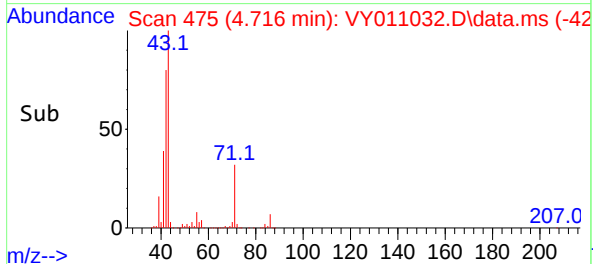
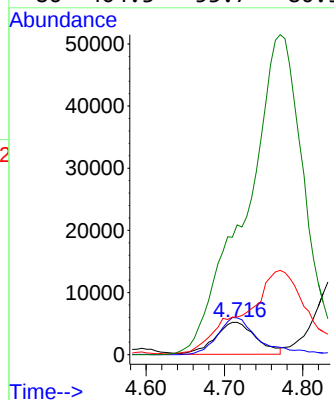
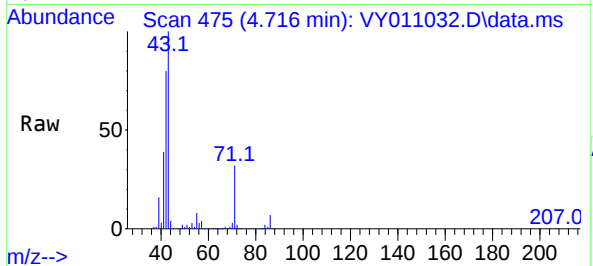




#20
Methylene Chloride
Concen: 3.223 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011032.D
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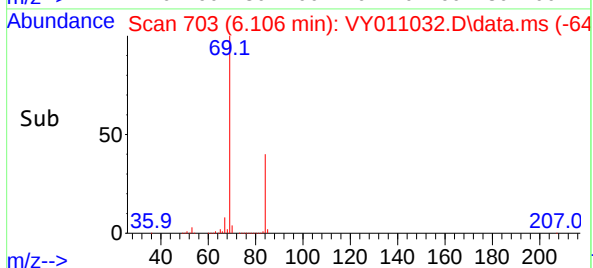
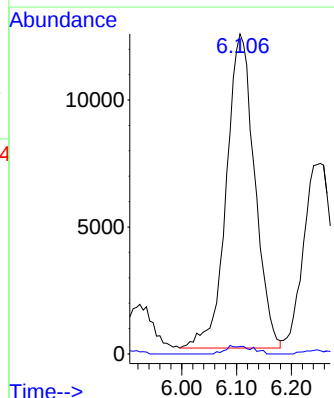
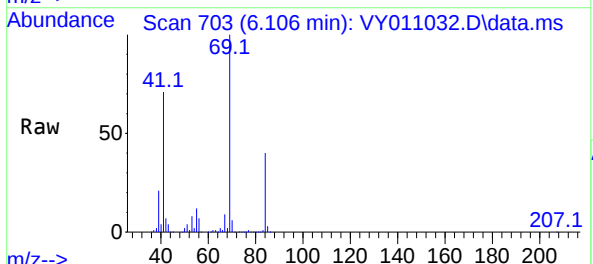
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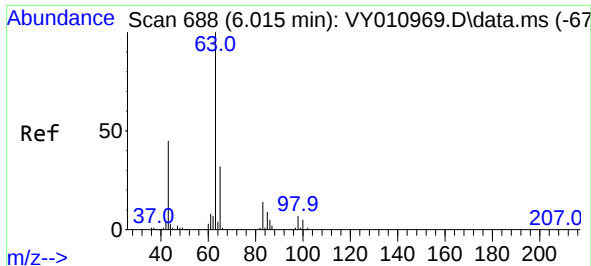
Tgt Ion: 84 Resp: 18797
Ion Ratio Lower Upper
84 100
49 117.5 114.4 171.6
51 114.6 35.3 52.9#
86 404.3 53.7 80.5#



#23
Vinyl Acetate
Concen: 13.047 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.048 min
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Tgt Ion: 43 Resp: 44376
Ion Ratio Lower Upper
43 100
86 2.3 7.1 10.7#

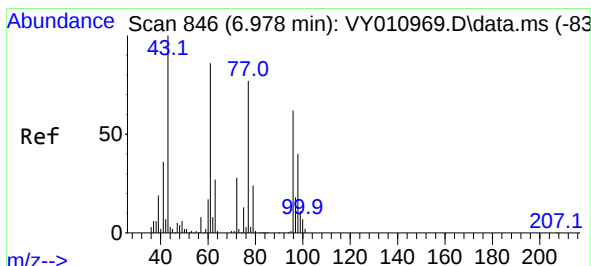
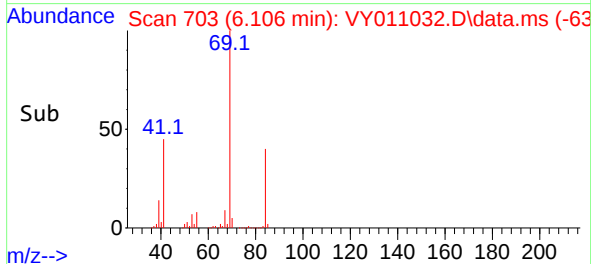
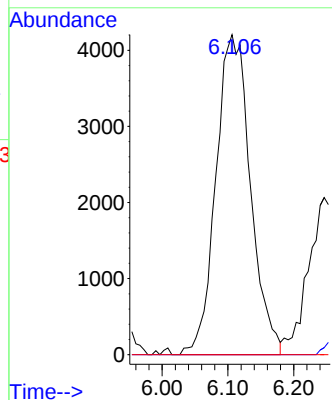
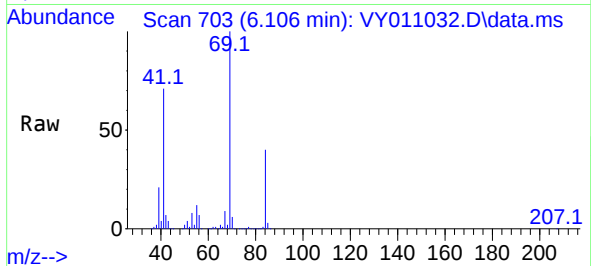




#24
1,1-Dichloroethane
Concen: 4.473 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.091 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

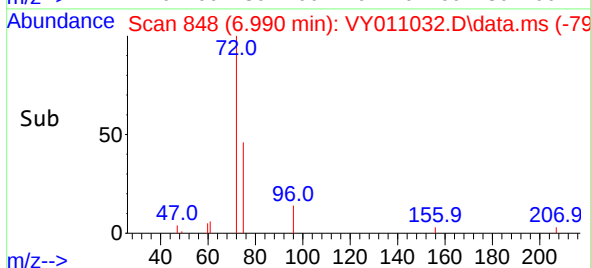
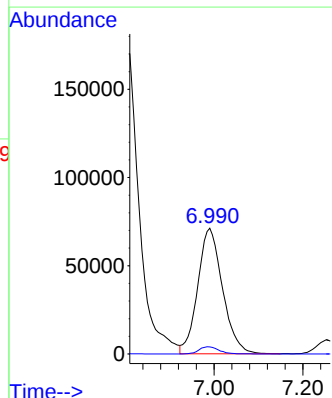
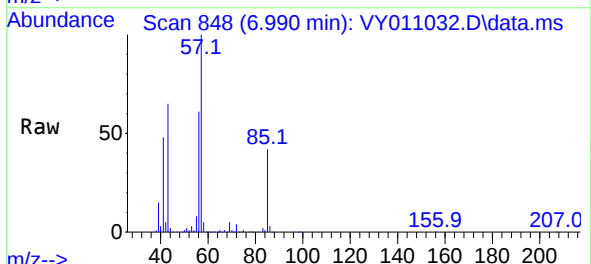
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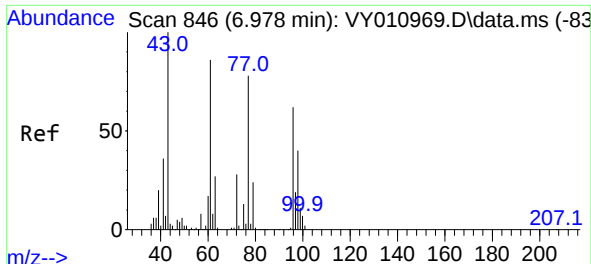
Tgt Ion: 63 Resp: 15362
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.0 5.8#



#25
2-Butanone
Concen: 384.224 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
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Tgt Ion: 43 Resp: 275177
Ion Ratio Lower Upper
43 100
72 5.7 17.7 26.5#

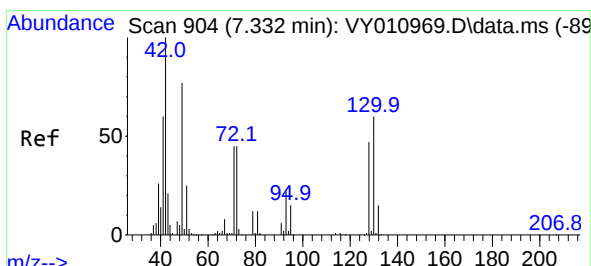
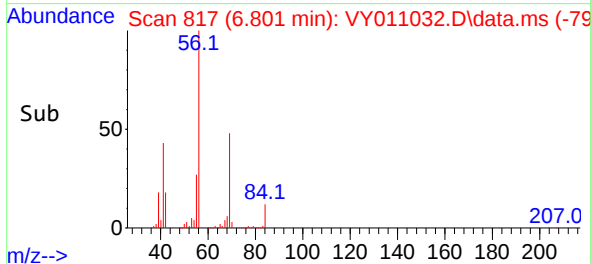
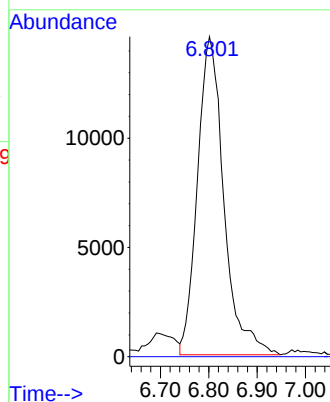
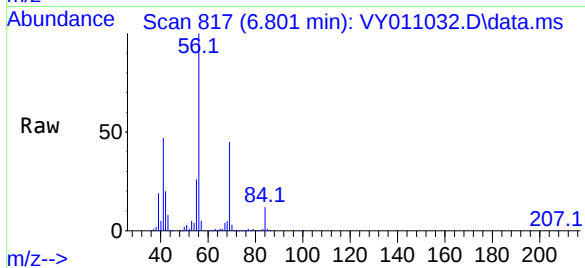




#26
2,2-Dichloropropane
Concen: 18.086 ug/l
RT: 6.801 min Scan# 81
Delta R.T. -0.177 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

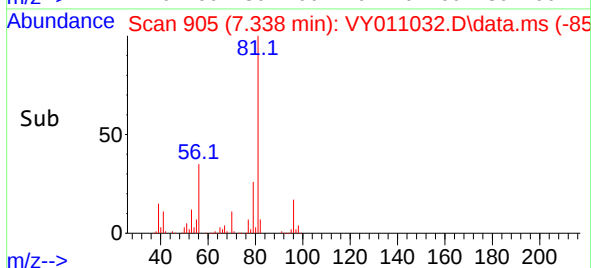
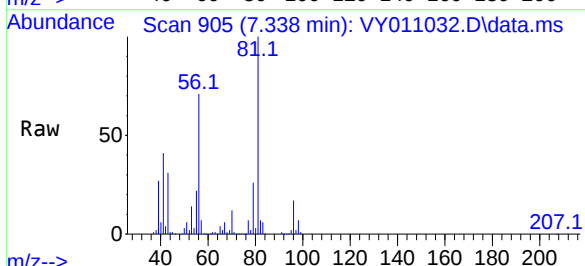
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

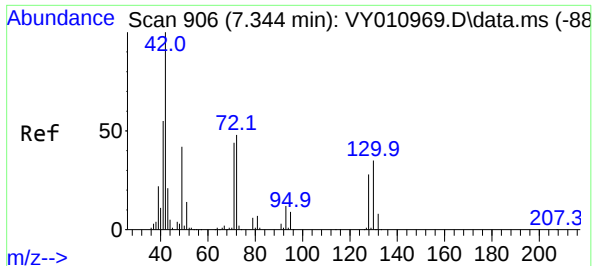
Tgt Ion: 77 Resp: 55154
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#28
Bromochloromethane
Concen: 3.900 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 49 Resp: 497
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 31.443 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-06-20-40

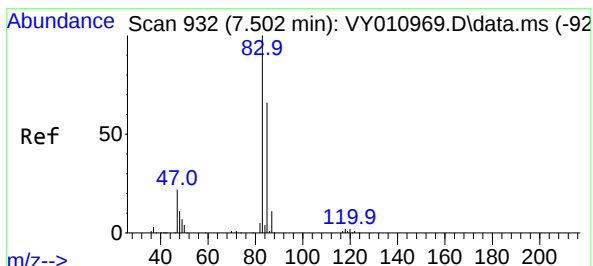
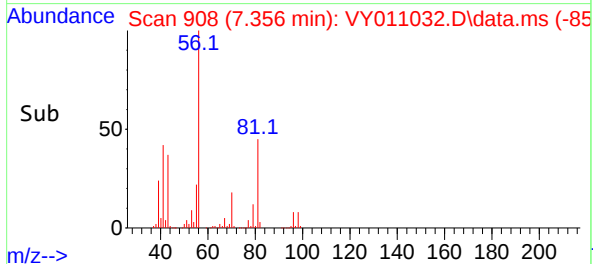
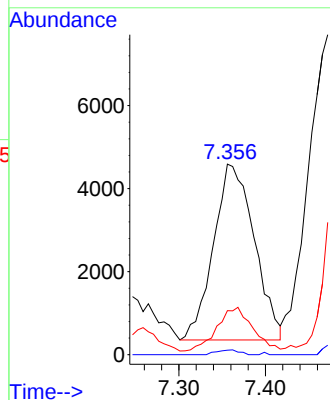
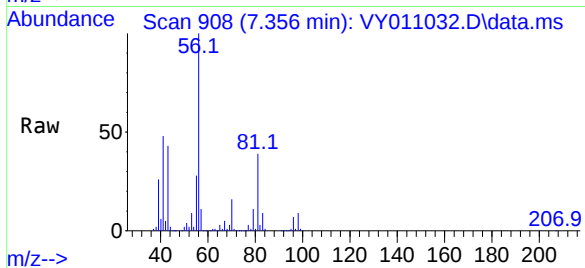
Tgt Ion: 42 Resp: 13855

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 219.742 ug/l

RT: 7.478 min Scan# 928

Delta R.T. -0.024 min

Lab File: VY011032.D

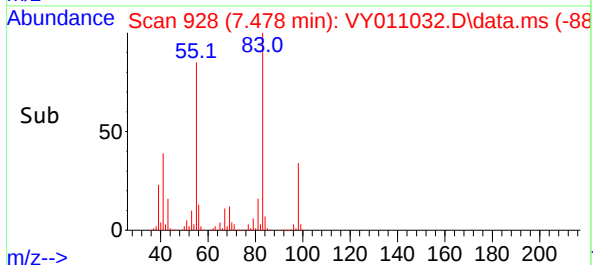
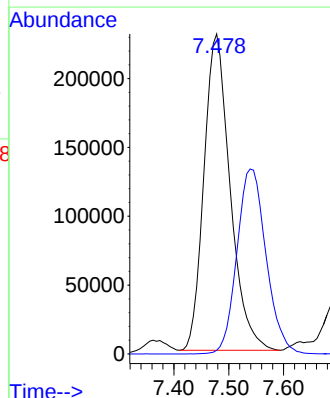
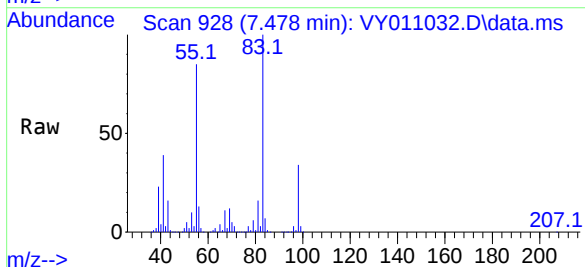
Acq: 20 Oct 2022 17:51

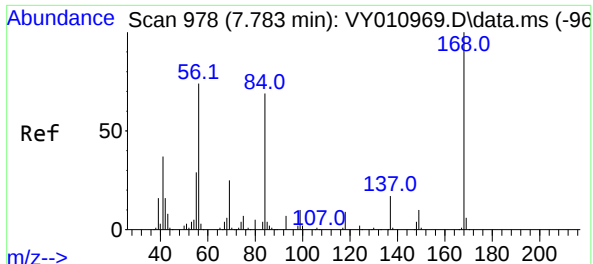
Tgt Ion: 83 Resp: 760708

Ion Ratio Lower Upper

83 100

85 1.2 51.8 77.6#

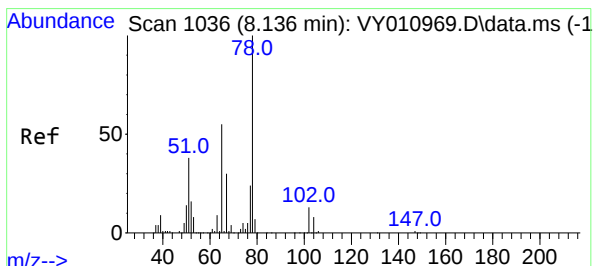
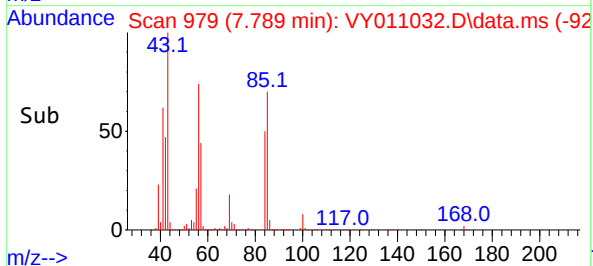
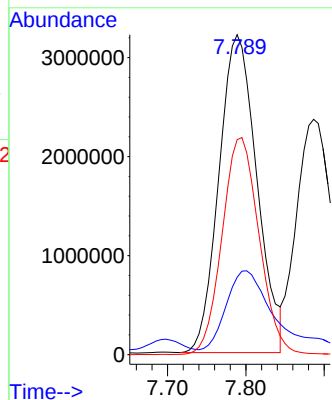
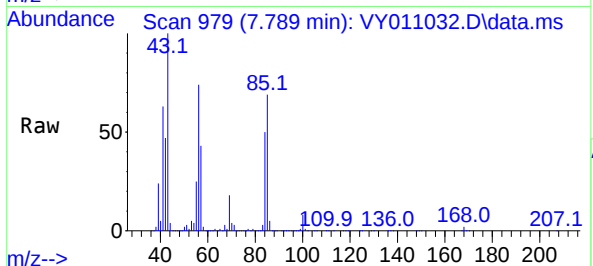




#31
Cyclohexane
Concen: 3468.929 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

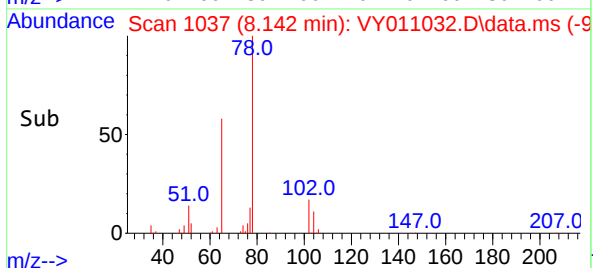
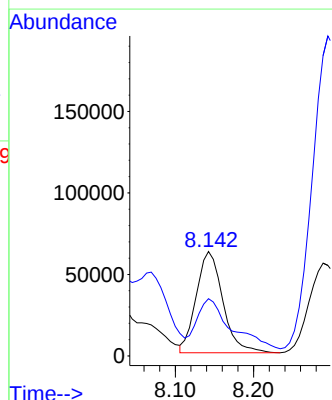
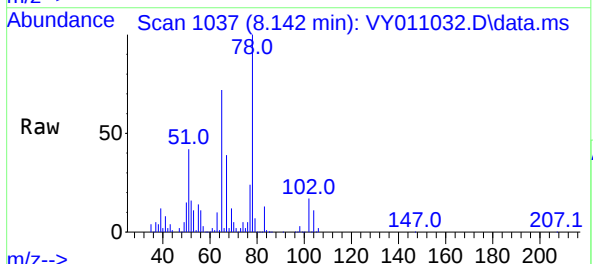
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

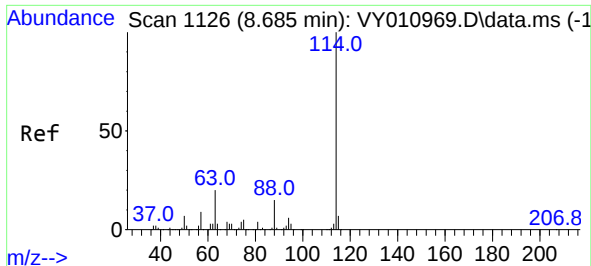
Tgt Ion: 56 Resp:10795256
Ion Ratio Lower Upper
56 100
69 20.9 26.7 40.1#
84 67.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 90.355 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 65 Resp: 146939
Ion Ratio Lower Upper
65 100
67 62.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-06-20-40

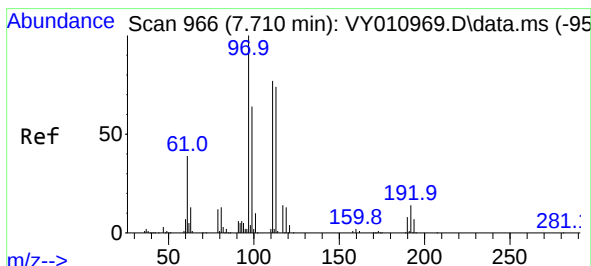
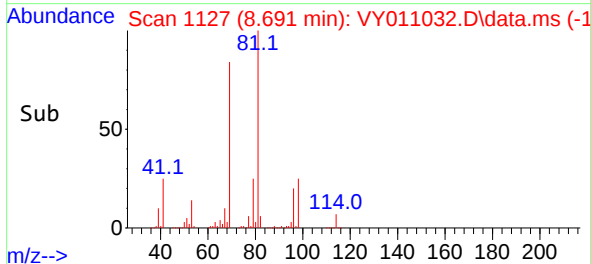
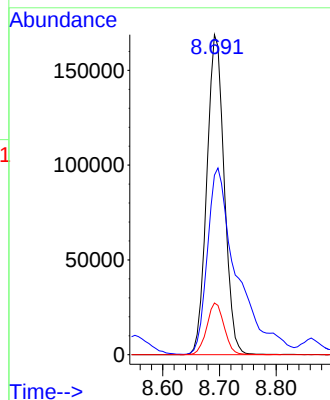
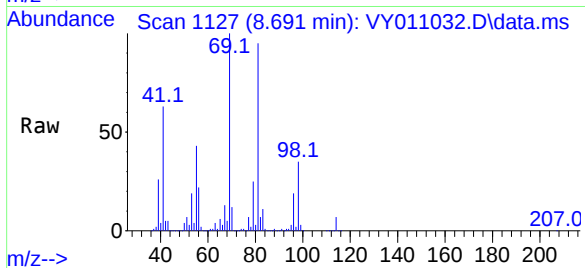
Tgt Ion:114 Resp: 359722

Ion Ratio Lower Upper

114 100

63 56.0 0.0 43.2#

88 16.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.965 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

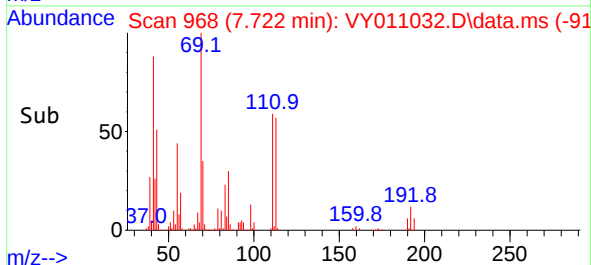
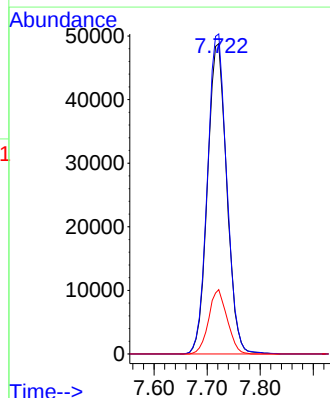
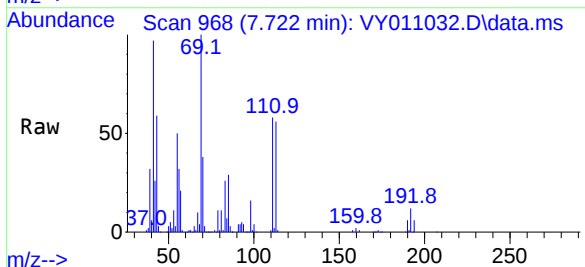
Tgt Ion:113 Resp: 123218

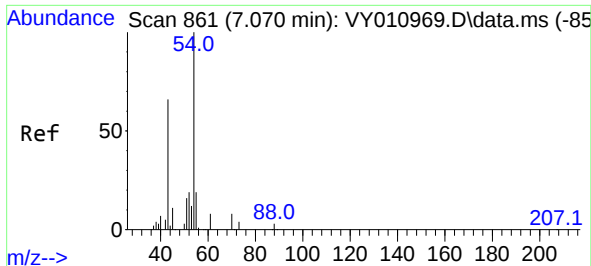
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.9 17.6 26.4





#37

Ethyl Acetate

Concen: 148.424 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-06-20-40

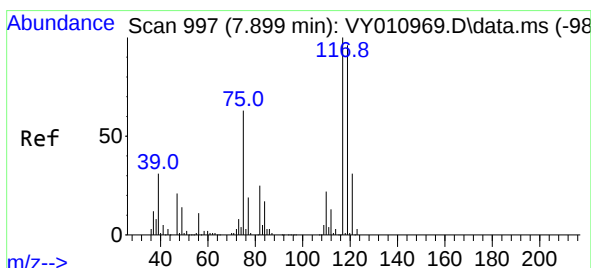
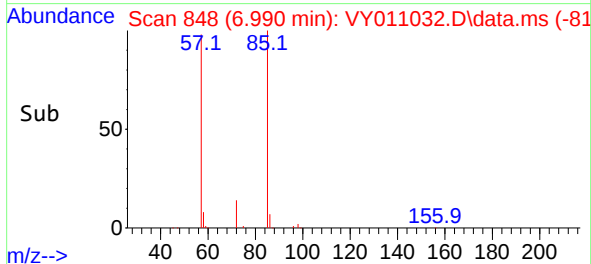
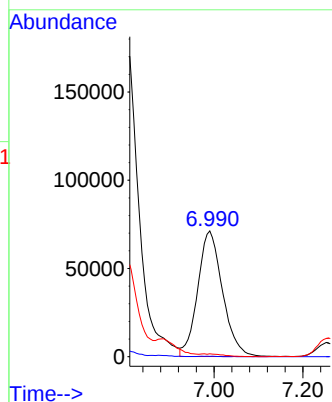
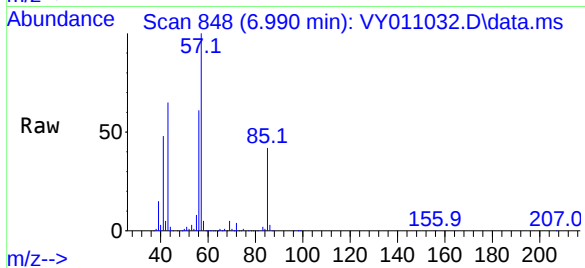
Tgt Ion: 43 Resp: 275177

Ion Ratio Lower Upper

43 100

61 0.1 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.215 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

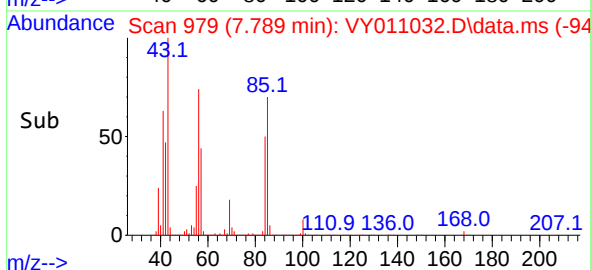
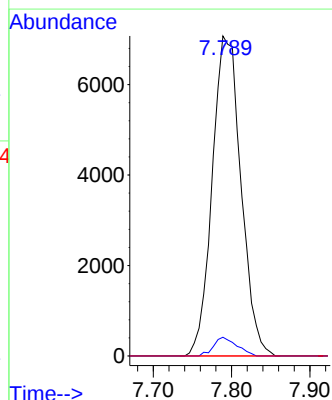
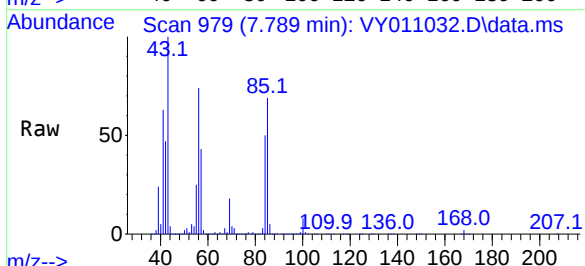
Tgt Ion: 117 Resp: 18028

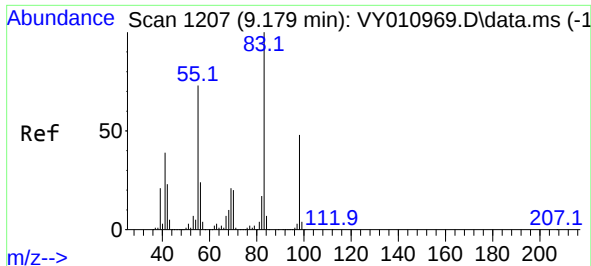
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 8519.898 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-06-20-40

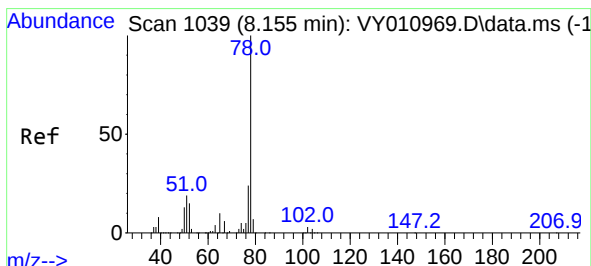
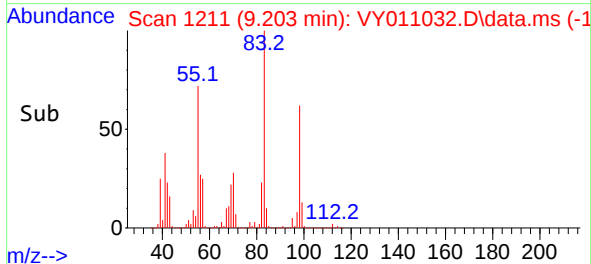
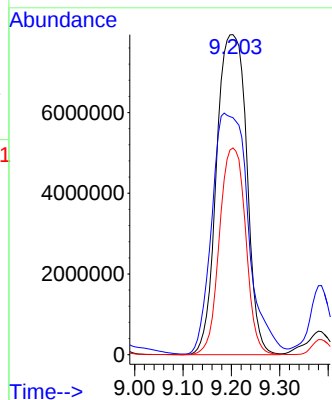
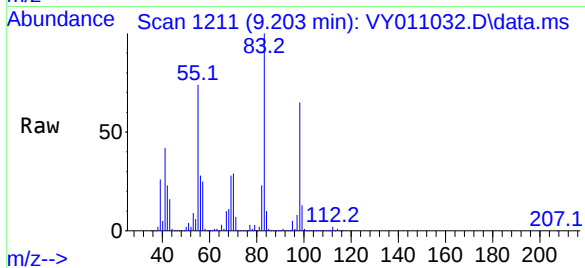
Tgt Ion: 83 Resp: 34172001

Ion Ratio Lower Upper

83 100

55 73.8 66.5 99.7

98 64.6 37.9 56.9#



#40

Benzene

Concen: 62.509 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY011032.D

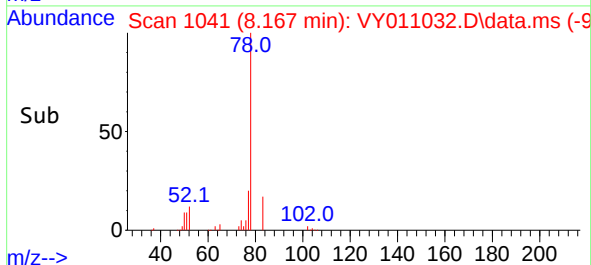
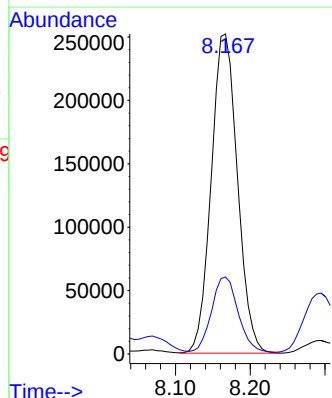
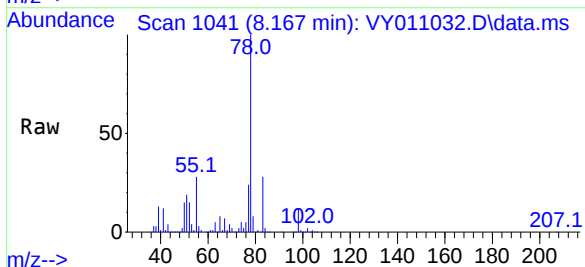
Acq: 20 Oct 2022 17:51

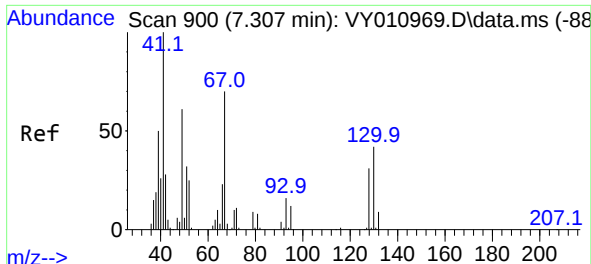
Tgt Ion: 78 Resp: 614182

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

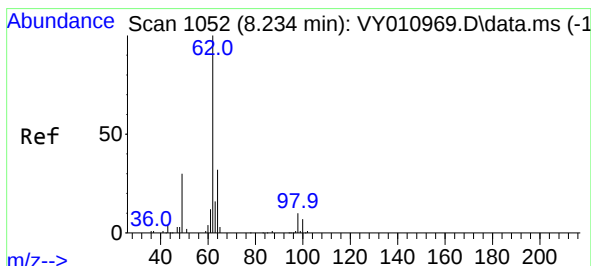
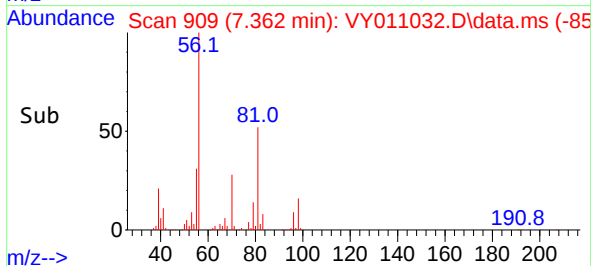
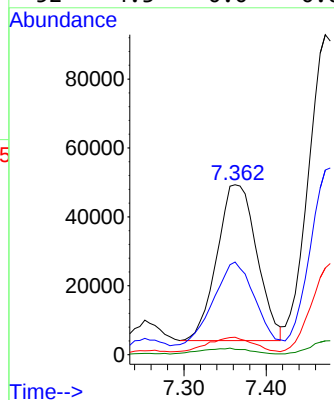
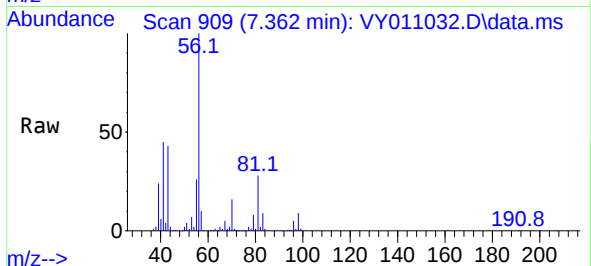




#41
Methacrylonitrile
Concen: 151.479 ug/l
RT: 7.362 min Scan# 90
Delta R.T. 0.055 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

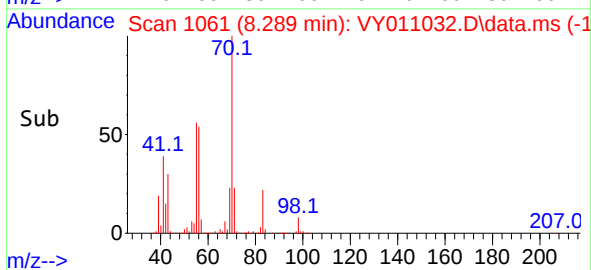
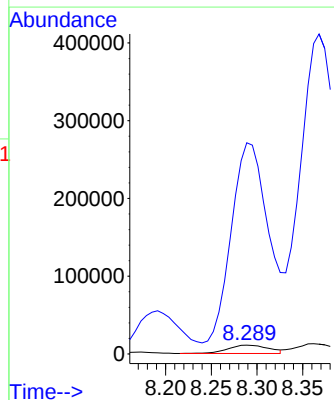
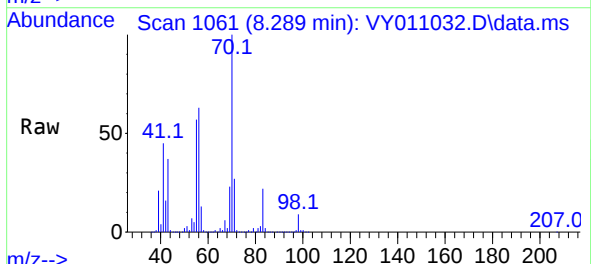
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

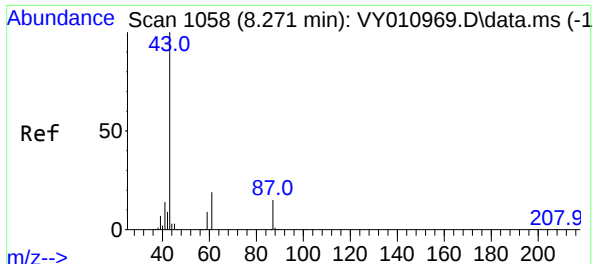
Tgt Ion: 41 Resp: 152189
Ion Ratio Lower Upper
41 100
39 54.4 92.9 139.3#
67 0.0 0.0 0.0
52 4.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 12.453 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.055 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 62 Resp: 33903
Ion Ratio Lower Upper
62 100
98 2209.4 0.0 14.8#

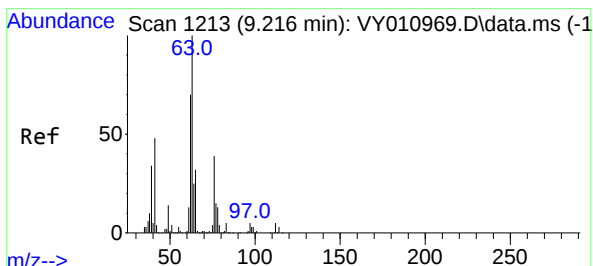
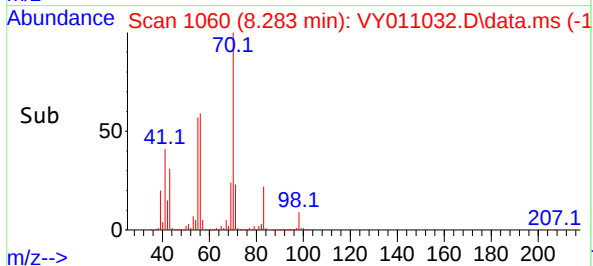
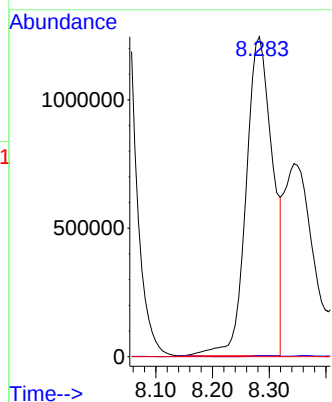
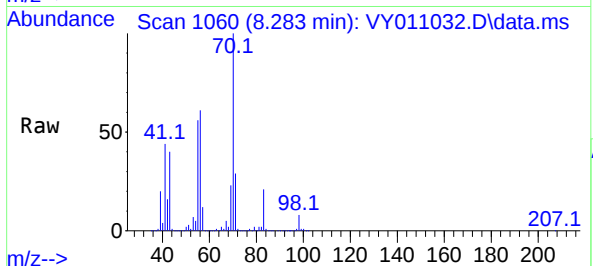




#43
Isopropyl Acetate
Concen: 1230.044 ug/l
RT: 8.283 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

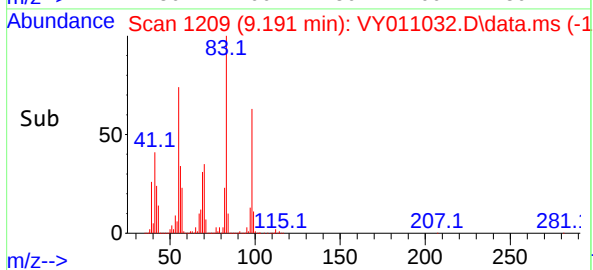
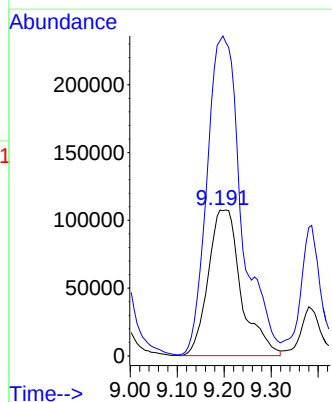
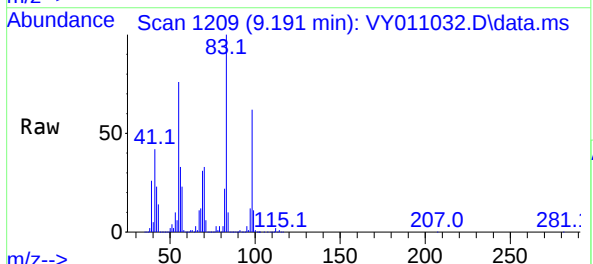
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

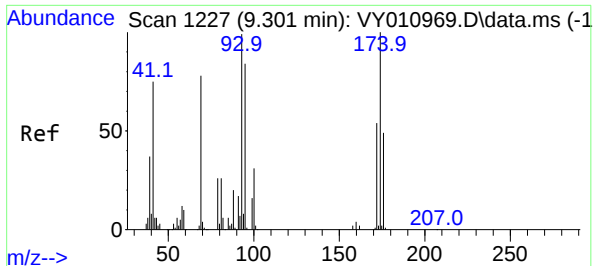
Tgt Ion: 43 Resp: 4074519
Ion Ratio Lower Upper
43 100
61 0.3 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 209.734 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.025 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 63 Resp: 522855
Ion Ratio Lower Upper
63 100
65 215.7 23.0 34.6#





#46

Dibromomethane

Concen: 88.647 ug/l

RT: 9.276 min Scan# 1223

Delta R.T. -0.025 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-06-20-40

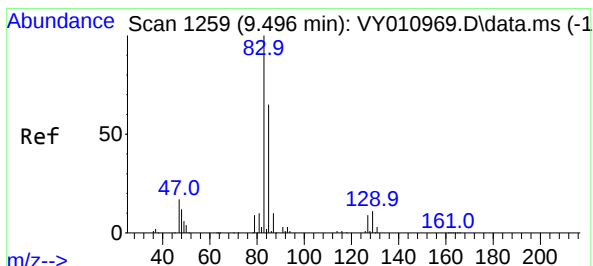
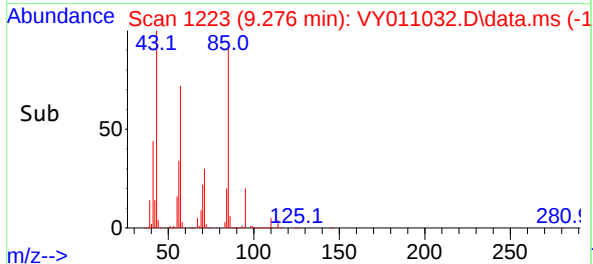
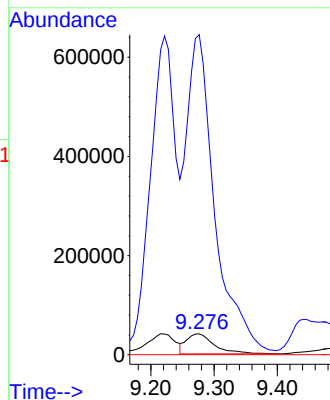
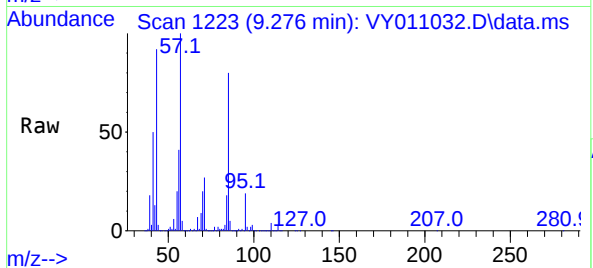
Tgt Ion: 93 Resp: 123257

Ion Ratio Lower Upper

93 100

95 1598.6 64.3 96.5#

174 0.0 83.4 125.0#



#47

Bromodichloromethane

Concen: 1408.151 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

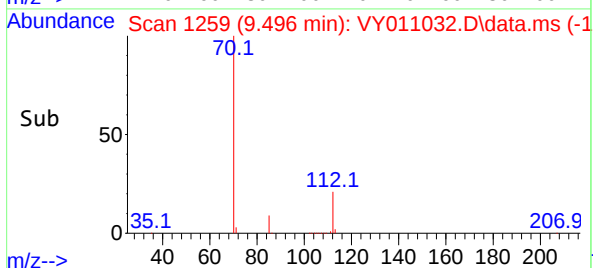
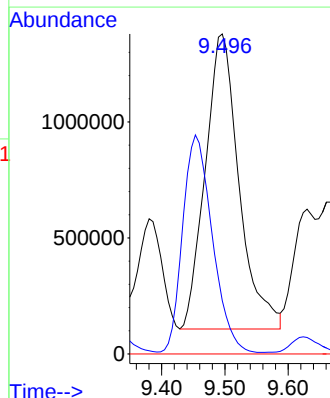
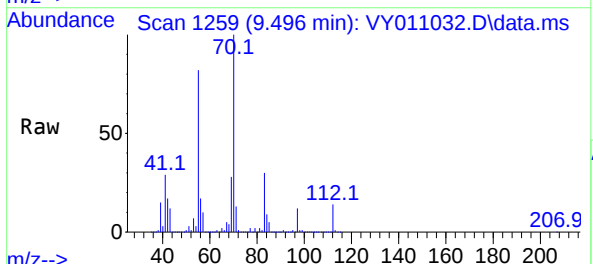
Tgt Ion: 83 Resp: 4718275

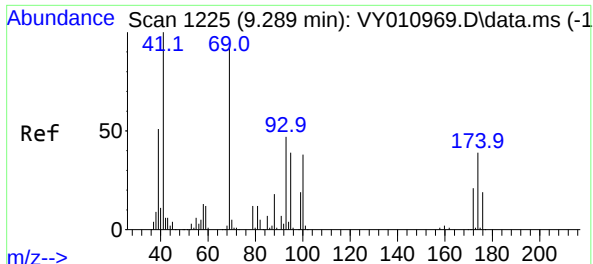
Ion Ratio Lower Upper

83 100

85 17.2 51.9 77.9#

127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 2310.881 ug/l

RT: 9.380 min Scan# 11

Delta R.T. 0.091 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-06-20-40

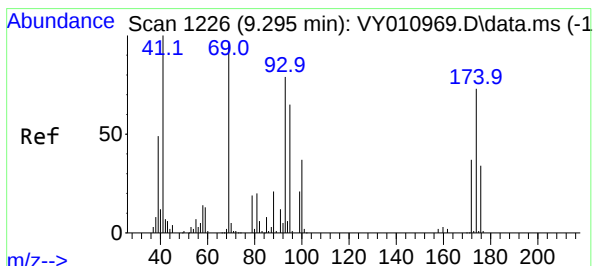
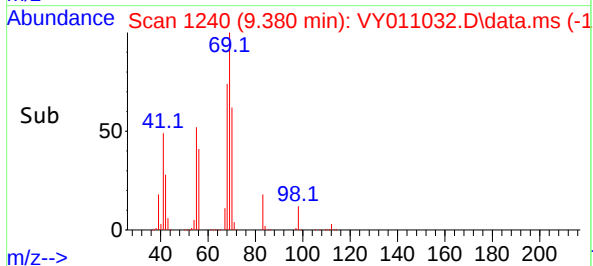
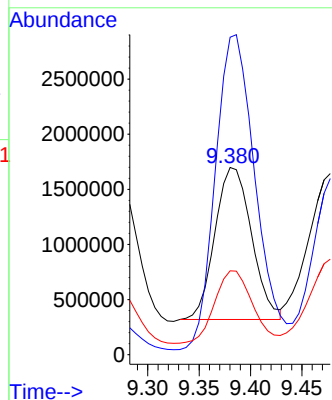
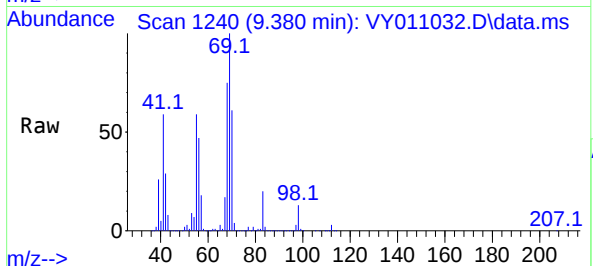
Tgt Ion: 41 Resp: 3425831

Ion Ratio Lower Upper

41 100

69 226.1 58.2 87.2#

39 49.0 47.4 71.0



#49

1,4-Dioxane

Concen: 19.172 ug/l

RT: 9.270 min Scan# 1222

Delta R.T. -0.025 min

Lab File: VY011032.D

Acq: 20 Oct 2022 17:51

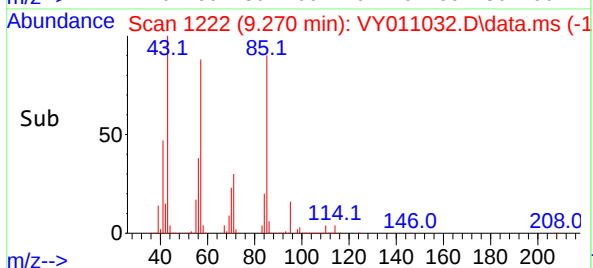
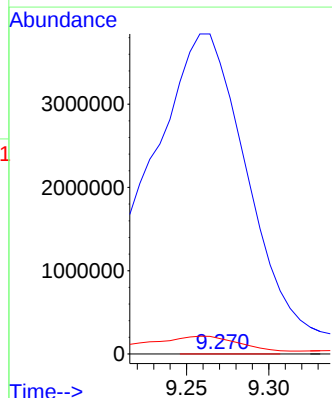
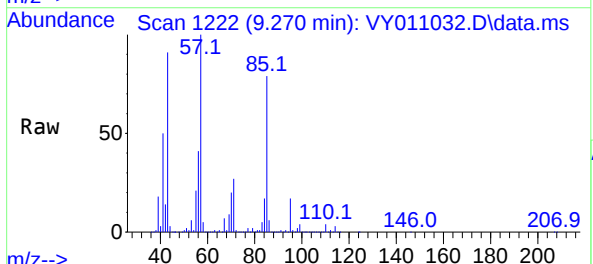
Tgt Ion: 88 Resp: 383

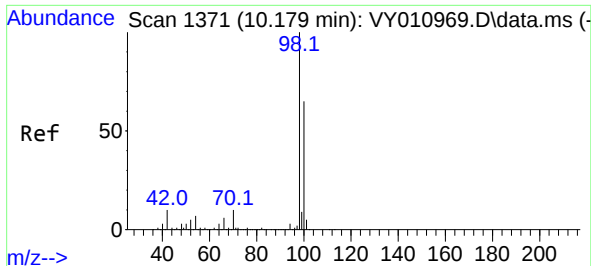
Ion Ratio Lower Upper

88 100

43 4924889.3 32.8 49.2#

58 294259.8 59.8 89.6#

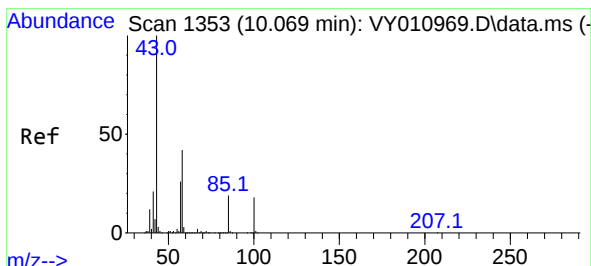
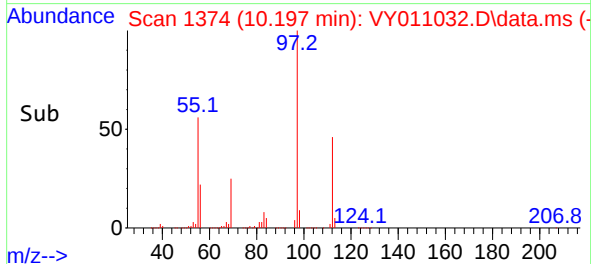
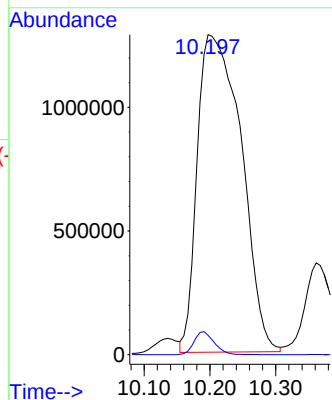
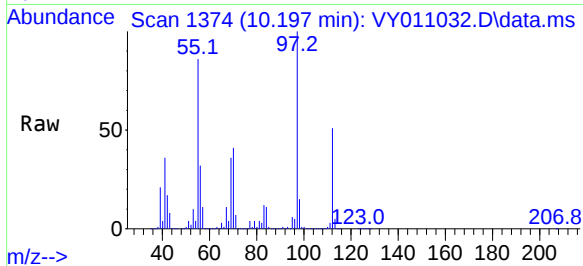




#50
Toluene-d8
Concen: 789.937 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

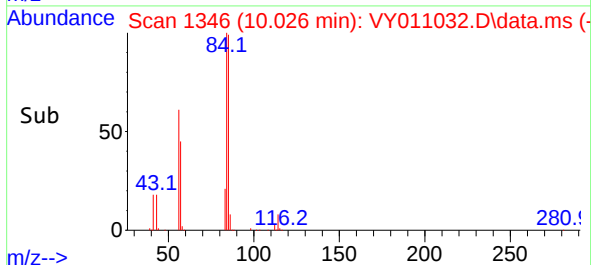
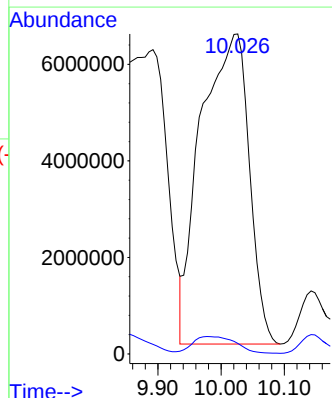
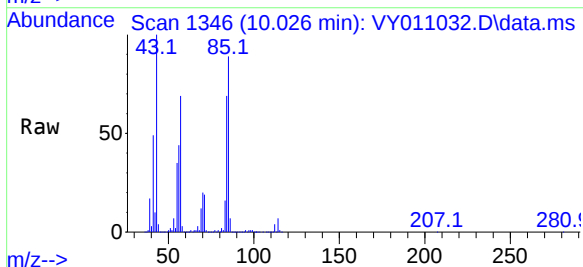
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

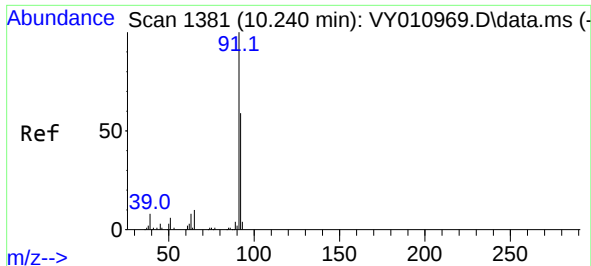
Tgt Ion: 98 Resp: 5933215
Ion Ratio Lower Upper
98 100
100 3.3 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 18390.538 ug/l
RT: 10.026 min Scan# 1346
Delta R.T. -0.043 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 43 Resp: 33973770
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#

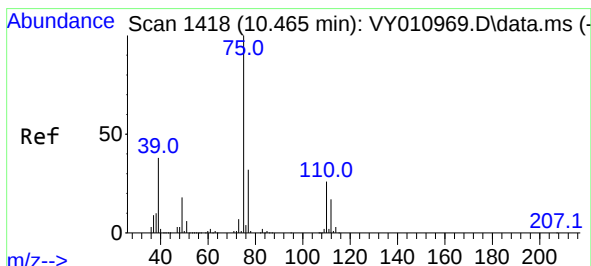
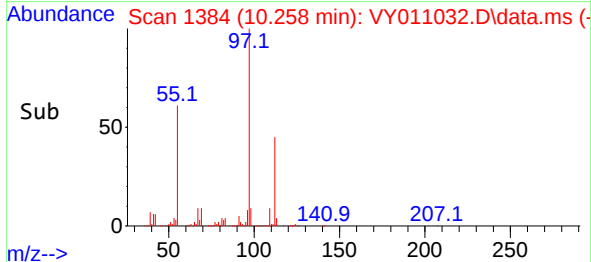
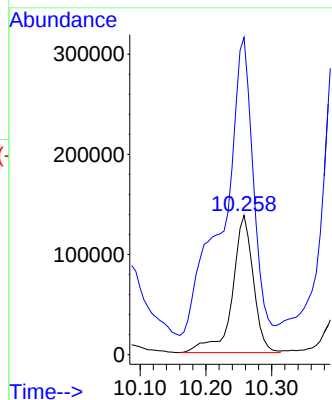
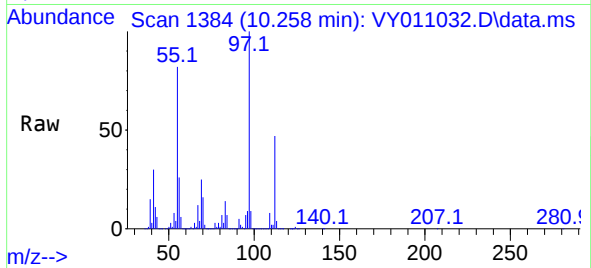




#52
Toluene
Concen: 50.015 ug/l
RT: 10.258 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

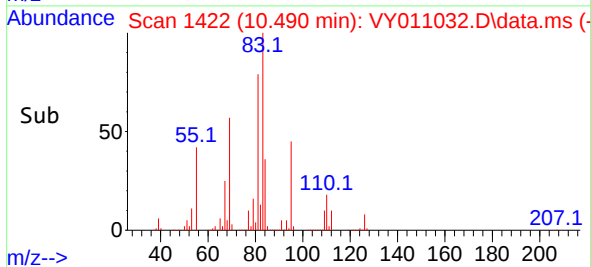
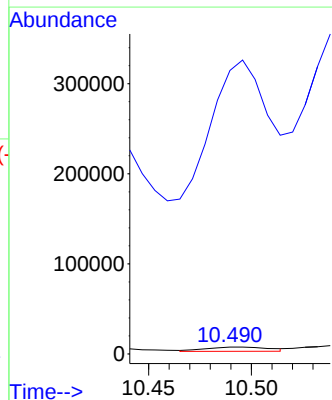
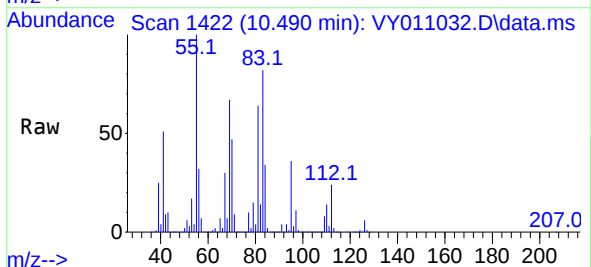
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

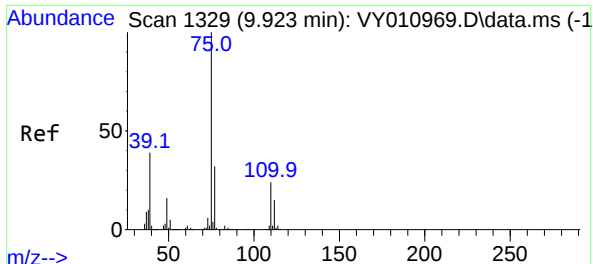
Tgt Ion: 92 Resp: 305293
Ion Ratio Lower Upper
92 100
91 305.7 142.6 213.8#



#53
t-1,3-Dichloropropene
Concen: 2.936 ug/l
RT: 10.490 min Scan# 1422
Delta R.T. 0.025 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 75 Resp: 10220
Ion Ratio Lower Upper
75 100
77 3775.7 25.4 38.2#

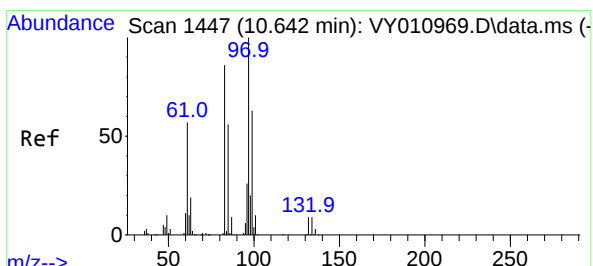
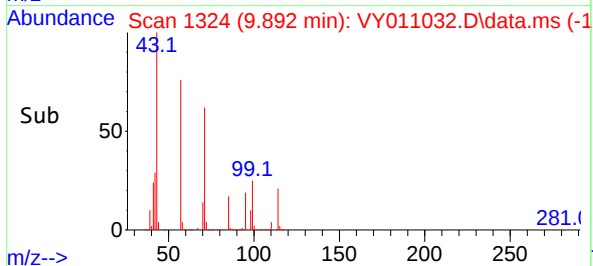
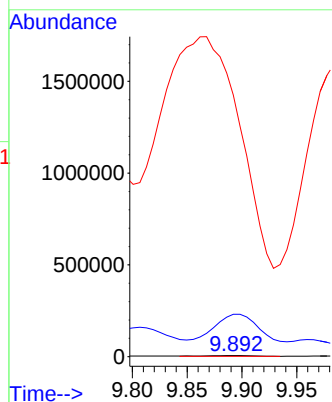
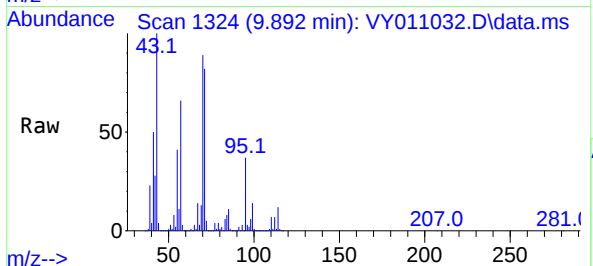




#54
cis-1,3-Dichloropropene
Concen: 3.575 ug/l
RT: 9.892 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

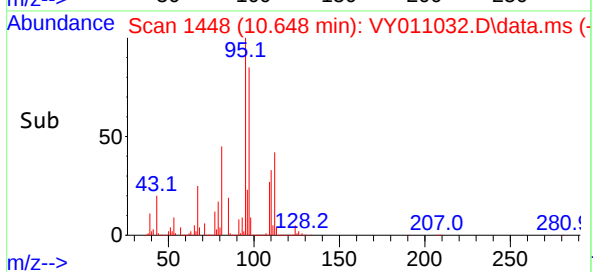
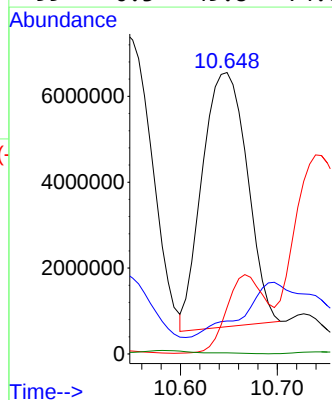
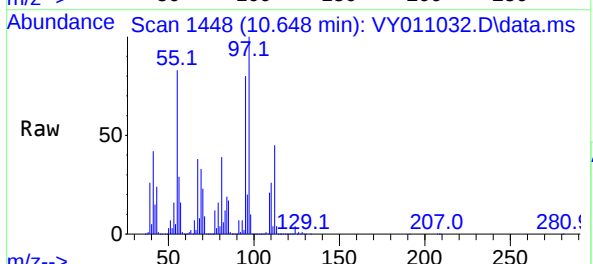
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

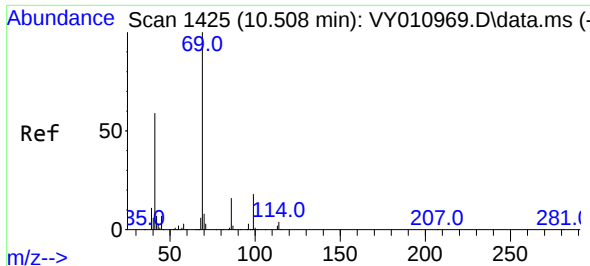
Tgt Ion: 75 Resp: 14239
Ion Ratio Lower Upper
75 100
77 3216.3 25.6 38.4#
39 20174.8 47.6 71.4#



#55
1,1,2-Trichloroethane
Concen: 9570.174 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 97 Resp:19196559
Ion Ratio Lower Upper
97 100
83 6.5 69.8 104.8#
85 18.4 44.3 66.5#
99 0.3 49.8 74.6#

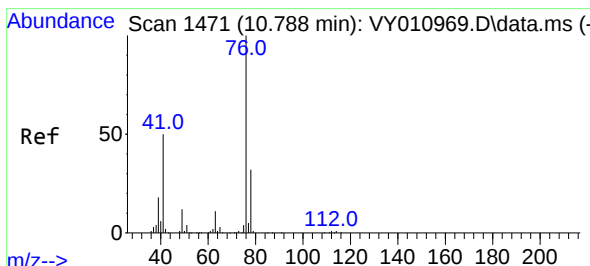
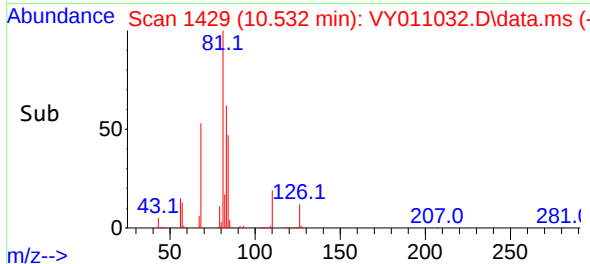
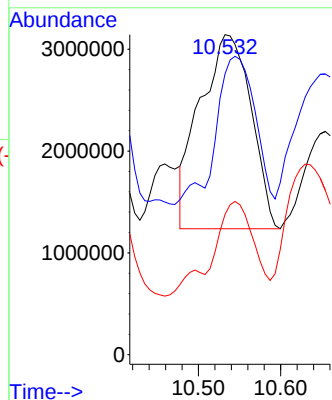
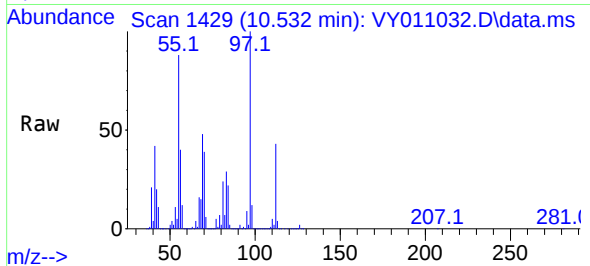




#56
Ethyl methacrylate
Concen: 3095.693 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.024 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

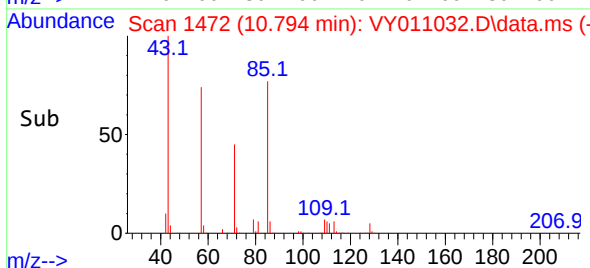
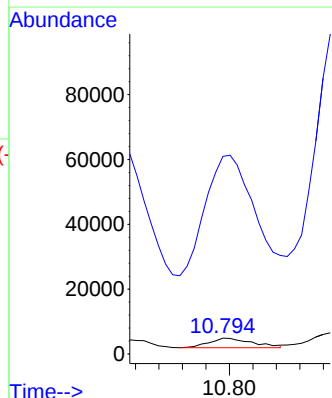
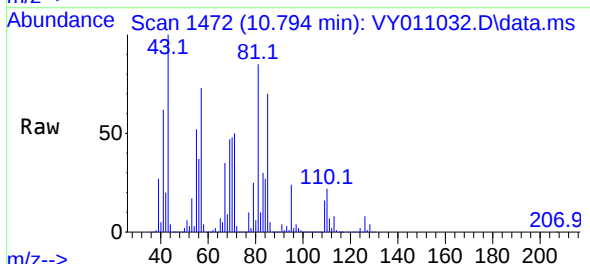
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

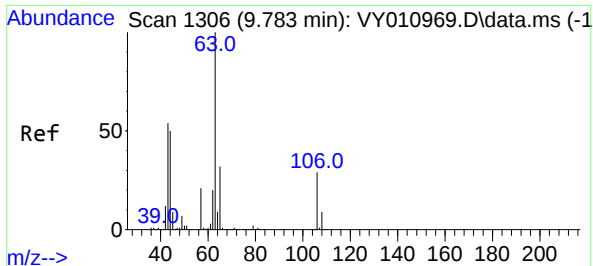
Tgt Ion: 69 Resp: 8247298
Ion Ratio Lower Upper
69 100
41 66.7 63.4 95.0
39 33.8 35.8 53.8#



#57
1,3-Dichloropropane
Concen: 2.200 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 76 Resp: 7587
Ion Ratio Lower Upper
76 100
78 1412.7 25.0 37.6#

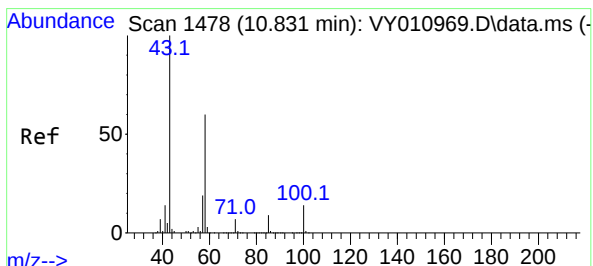
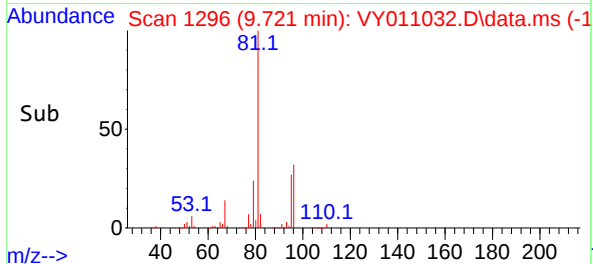
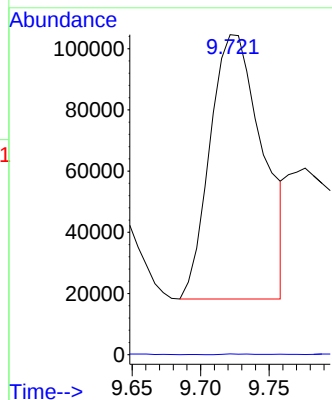
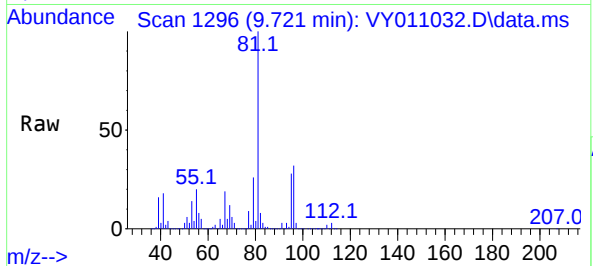




#58
2-Chloroethyl Vinyl ether
Concen: 180.268 ug/l
RT: 9.721 min Scan# 11
Delta R.T. -0.062 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

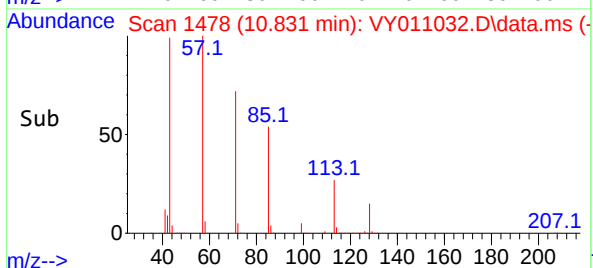
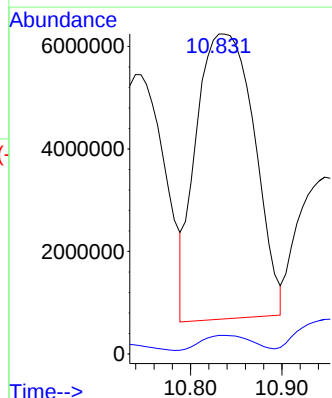
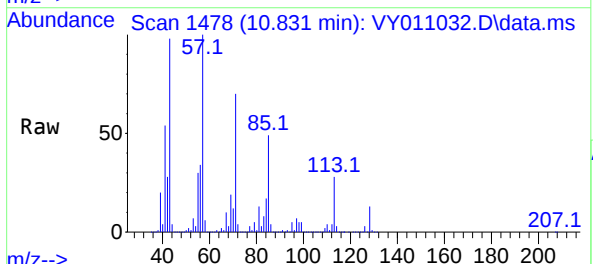
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

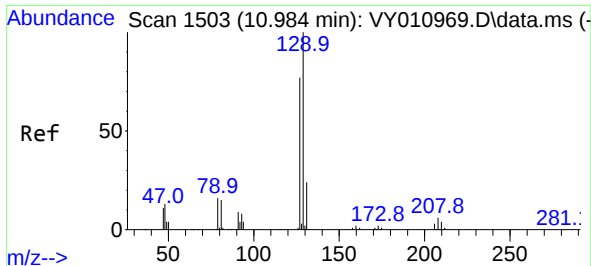
Tgt Ion: 63 Resp: 230929
Ion Ratio Lower Upper
63 100
106 0.2 21.5 32.3#



#59
2-Hexanone
Concen: 19348.148 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 43 Resp: 24552199
Ion Ratio Lower Upper
43 100
58 5.8 24.4 73.4#

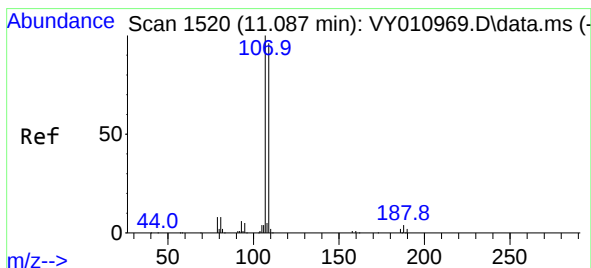
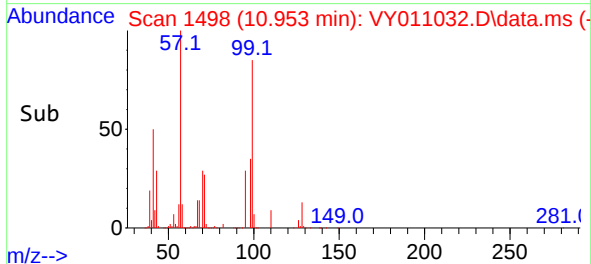
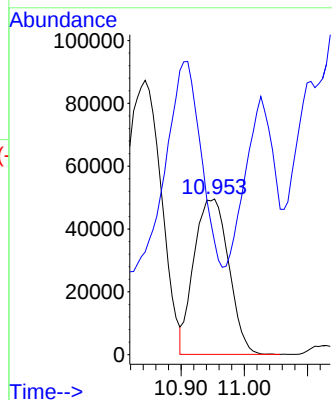
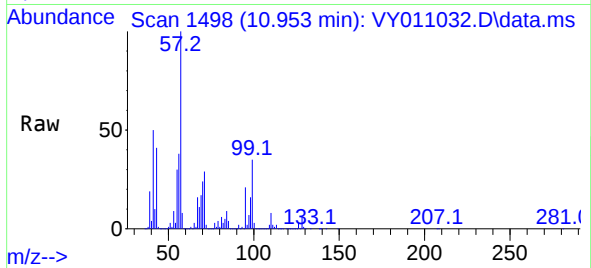




#60
Dibromochloromethane
Concen: 79.091 ug/l
RT: 10.953 min Scan# 1498
Delta R.T. -0.031 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

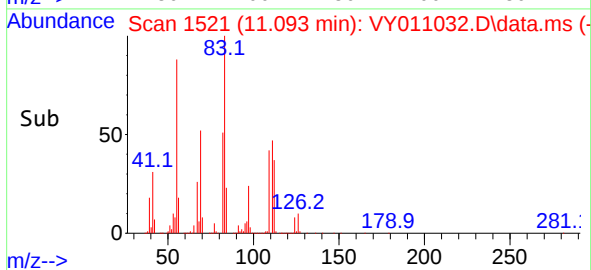
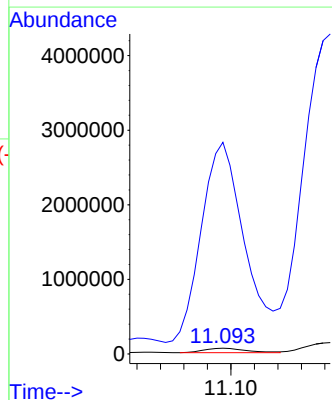
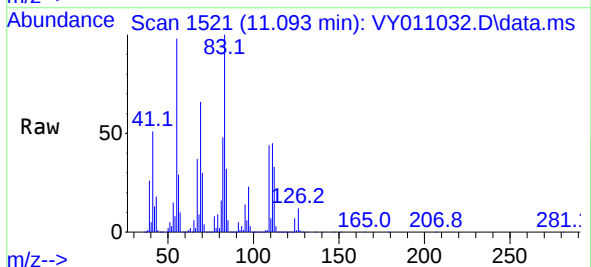
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

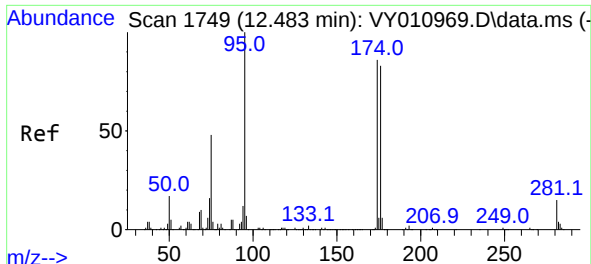
Tgt Ion:129 Resp: 188645
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#61
1,2-Dibromoethane
Concen: 79.534 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion:107 Resp: 152776
Ion Ratio Lower Upper
107 100
109 4417.7 75.4 113.2#

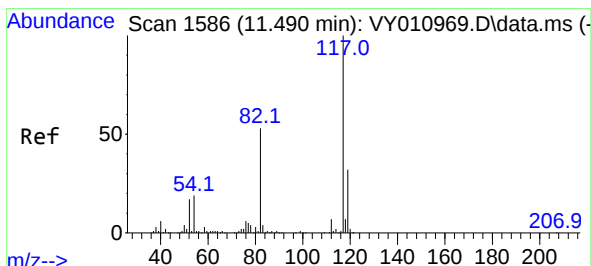
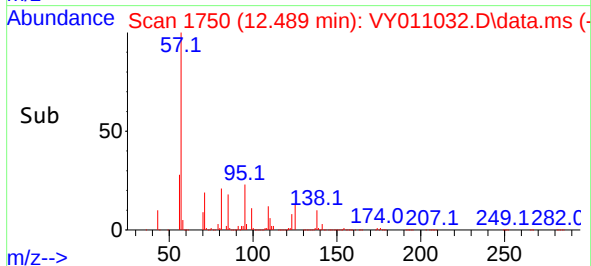
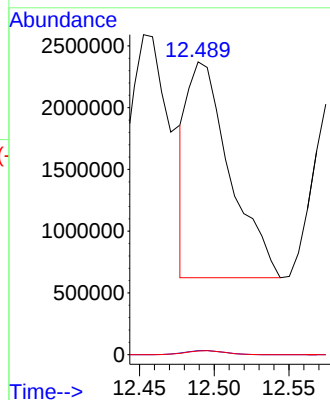
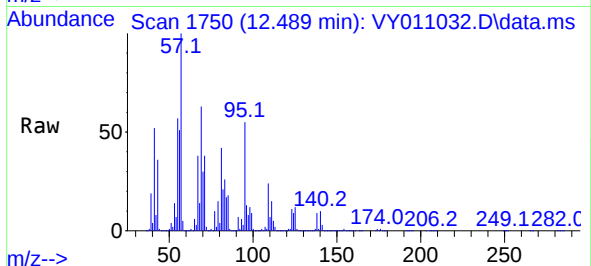




#62
4-Bromofluorobenzene
Concen: 1379.348 ug/l
RT: 12.489 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

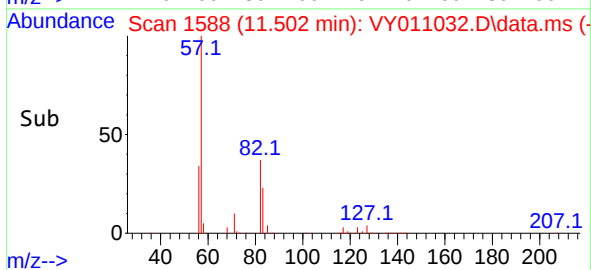
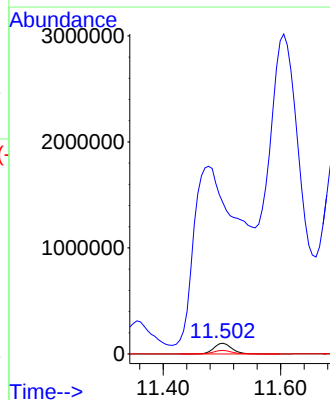
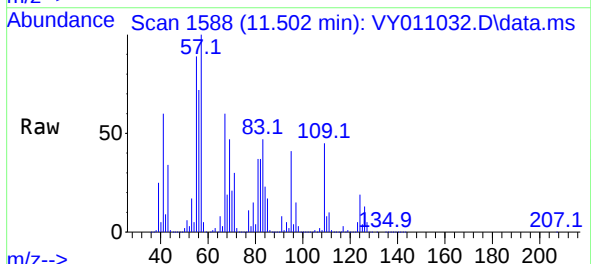
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MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

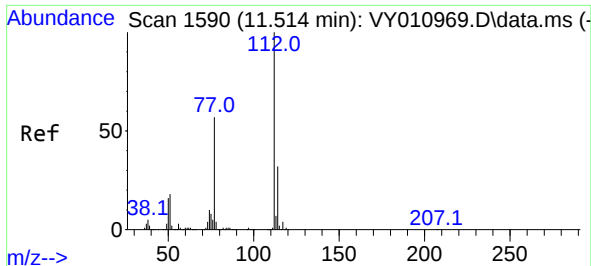
Tgt Ion: 95 Resp: 3452598
Ion Ratio Lower Upper
95 100
174 1.8 0.0 177.0
176 1.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 117 Resp: 215146
Ion Ratio Lower Upper
117 100
82 1278.4 43.0 64.4#
119 32.7 25.4 38.0

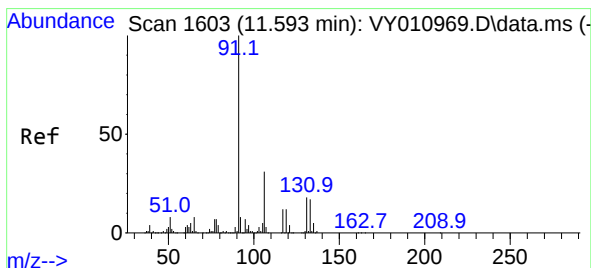
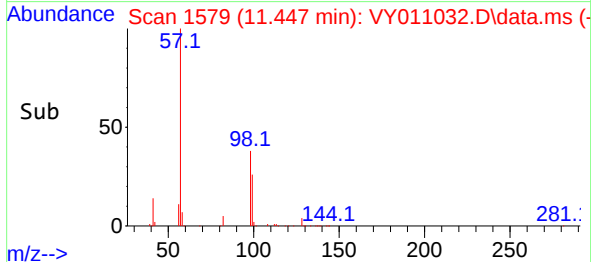
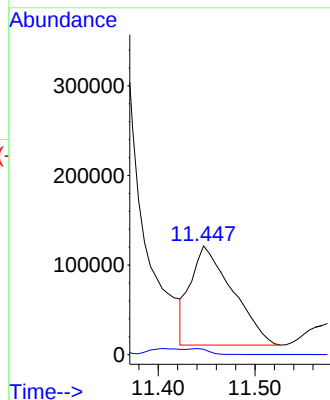
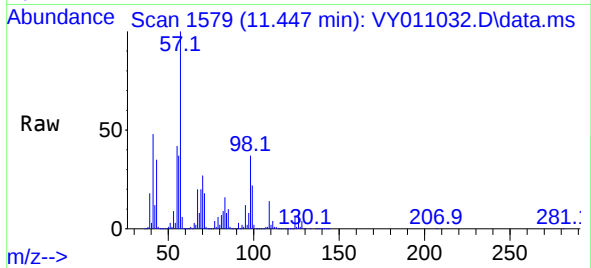




#65
Chlorobenzene
Concen: 75.161 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.067 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

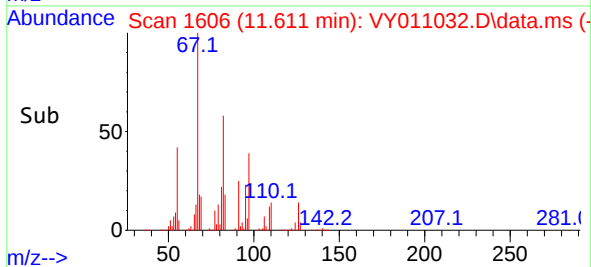
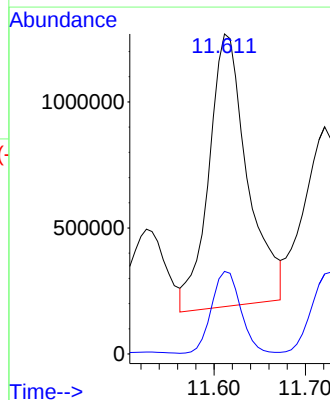
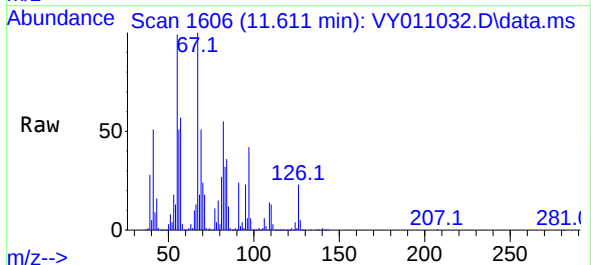
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

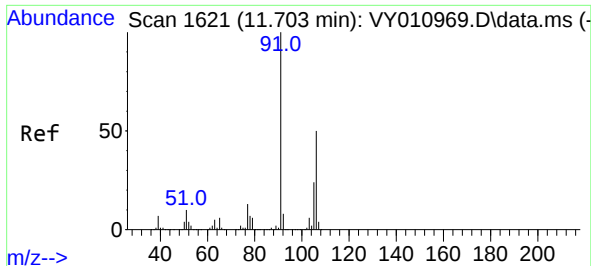
Tgt Ion:112 Resp: 331990
Ion Ratio Lower Upper
112 100
114 5.2 25.8 38.6#



#67
Ethyl Benzene
Concen: 407.246 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.018 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 91 Resp: 3182347
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7

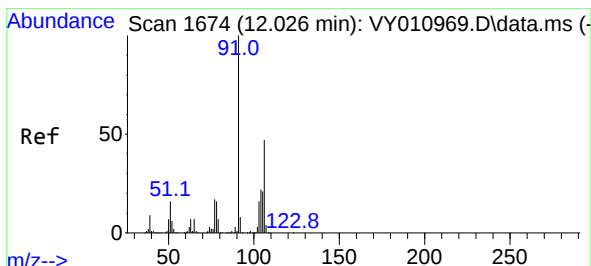
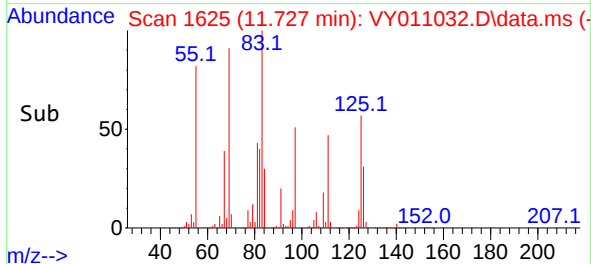
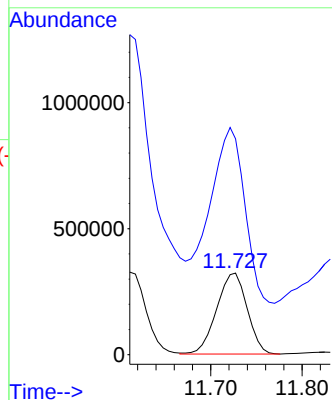
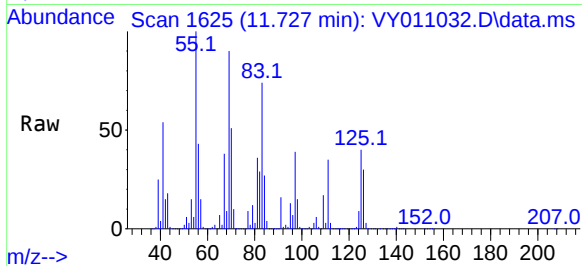




#68
m/p-Xylenes
Concen: 247.196 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.024 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

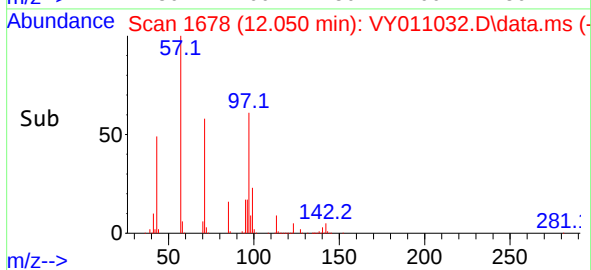
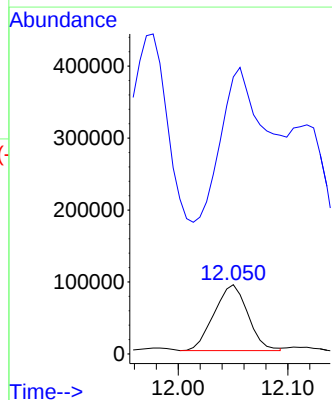
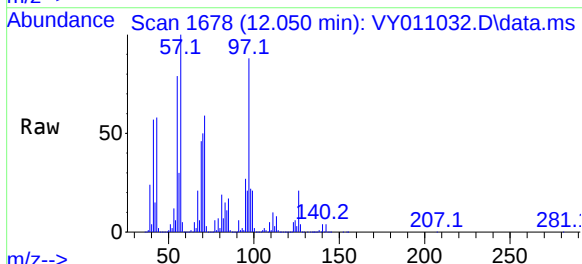
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

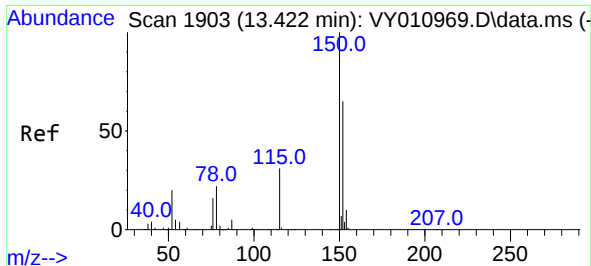
Tgt Ion:106 Resp: 743078
Ion Ratio Lower Upper
106 100
91 266.2 166.6 249.8#



#69
o-Xylene
Concen: 68.511 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.024 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion:106 Resp: 195557
Ion Ratio Lower Upper
106 100
91 327.3 110.3 331.0

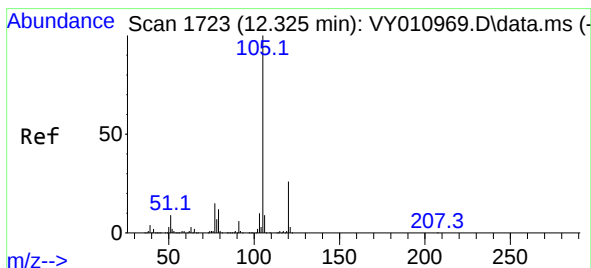
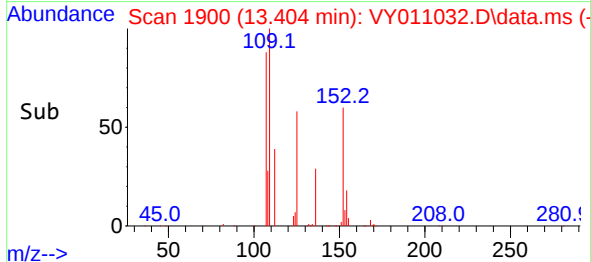
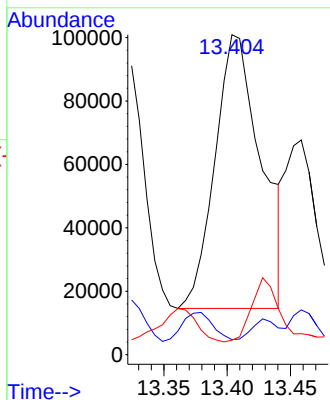
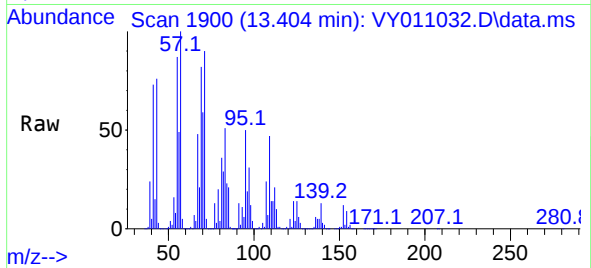




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.018 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

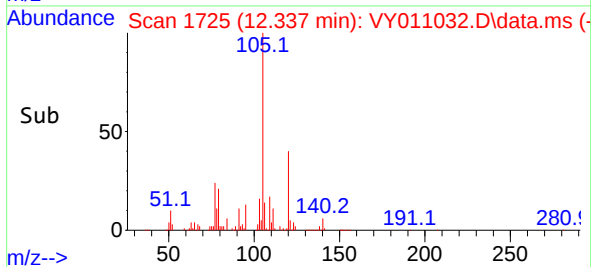
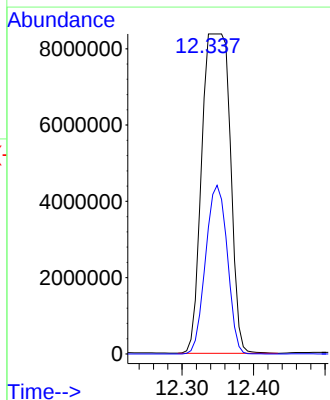
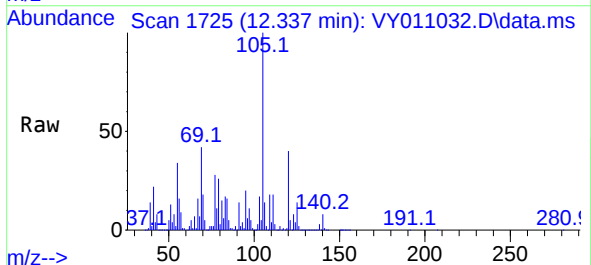
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

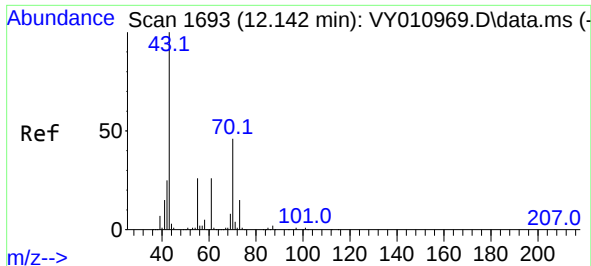
Tgt Ion:152 Resp: 218146
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#73
Isopropylbenzene
Concen: 1452.740 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion:105 Resp:23024084
Ion Ratio Lower Upper
105 100
120 40.4 13.4 40.2#

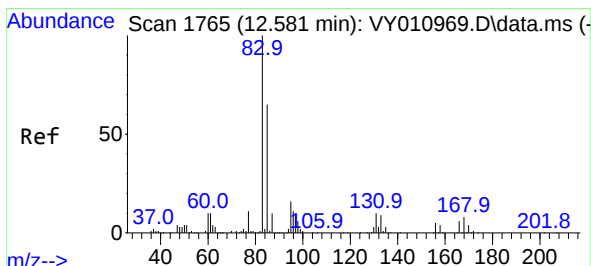
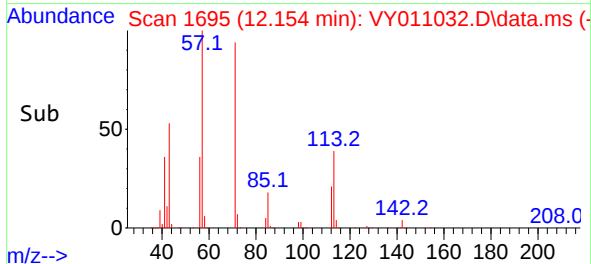
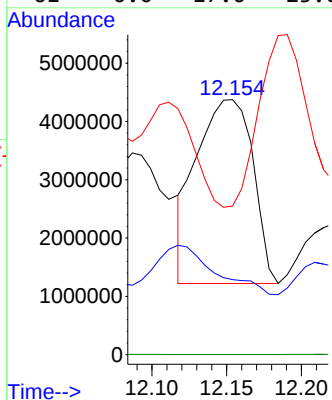
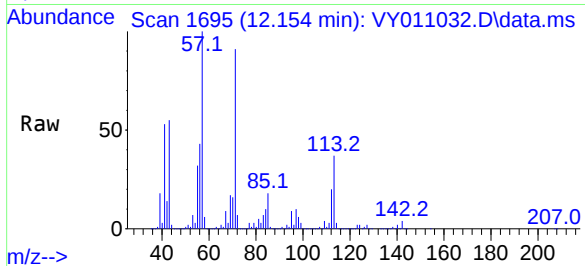




#74
N-amy1 acetate
Concen: 2055.327 ug/l
RT: 12.154 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

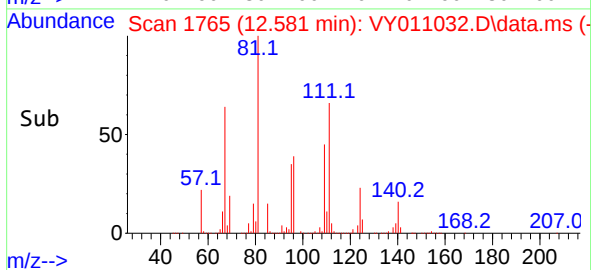
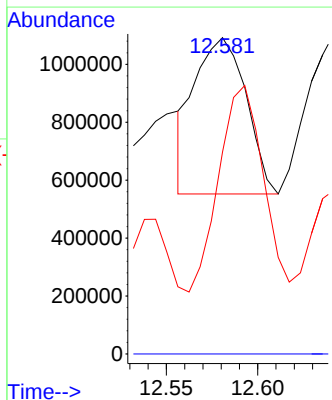
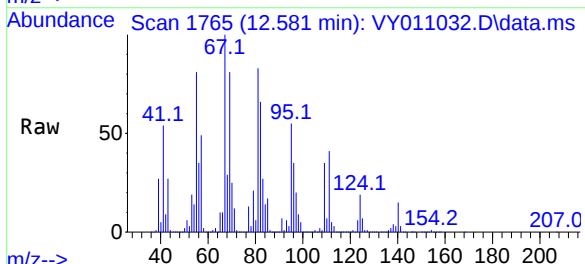
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

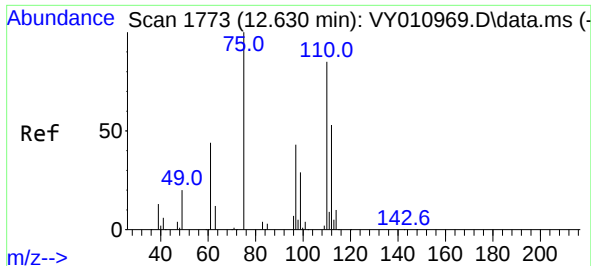
Tgt Ion: 43 Resp: 8264752
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 318.382 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 83 Resp: 1058988
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 112.0 32.3 96.8#

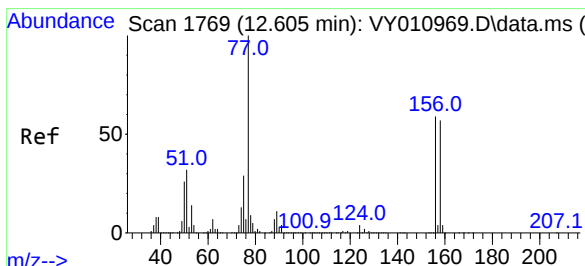
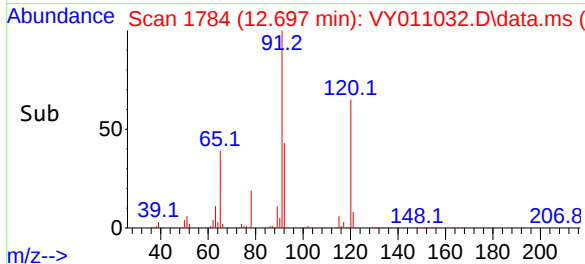
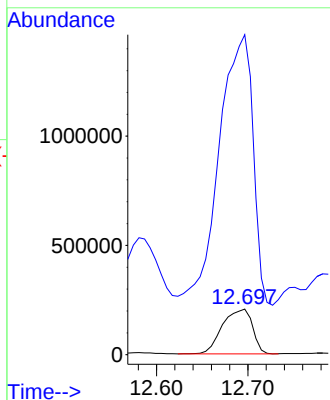
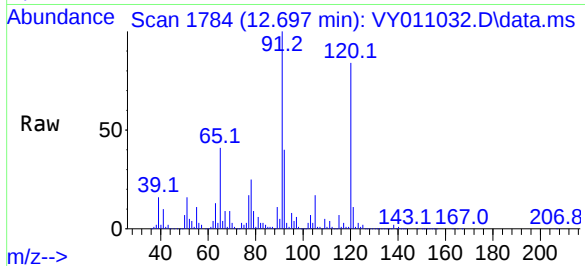




#76
1,2,3-Trichloropropane
Concen: 188.145 ug/l
RT: 12.697 min Scan# 11
Delta R.T. 0.067 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

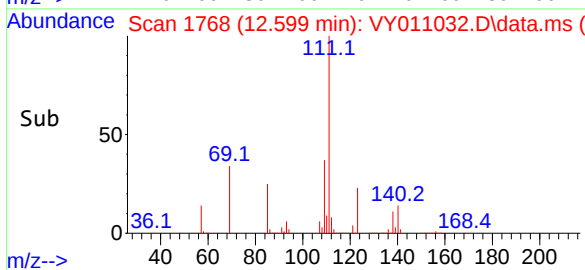
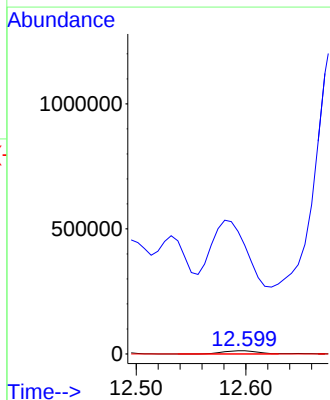
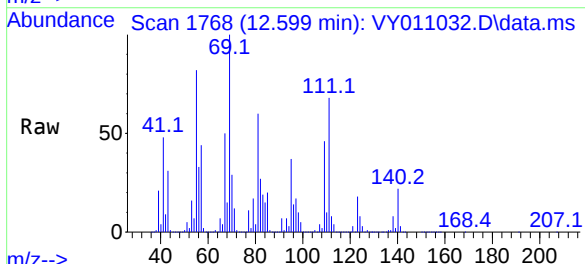
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

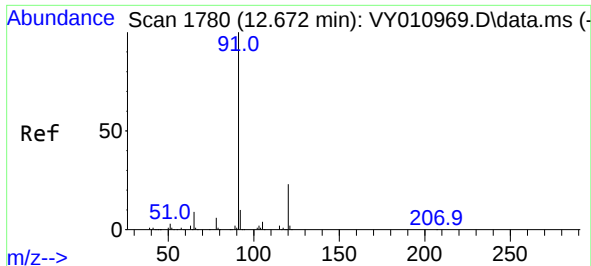
Tgt Ion: 75 Resp: 465969
Ion Ratio Lower Upper
75 100
77 684.9 0.0 0.0#



#77
Bromobenzene
Concen: 7.646 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion:156 Resp: 28324
Ion Ratio Lower Upper
156 100
77 2450.9 95.5 286.4#
158 0.7 48.0 144.0#

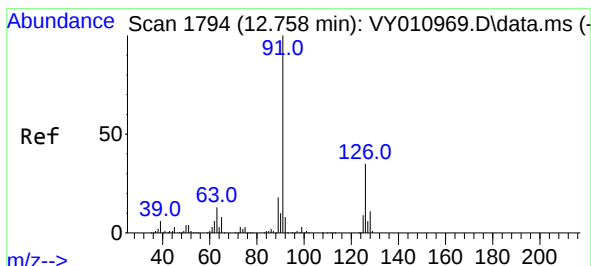
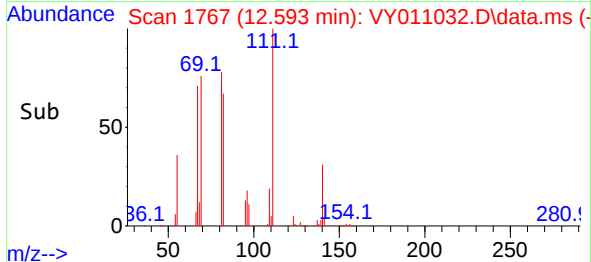
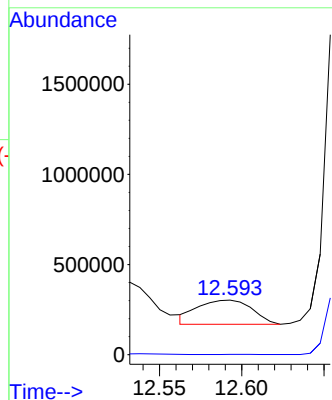
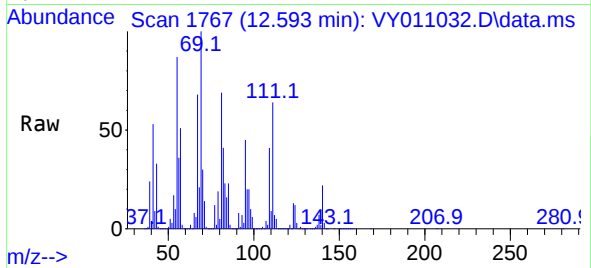




#78
n-propylbenzene
Concen: 16.035 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.079 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

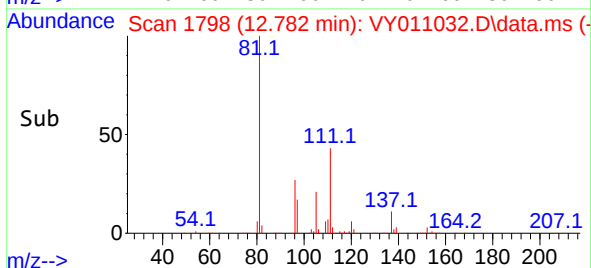
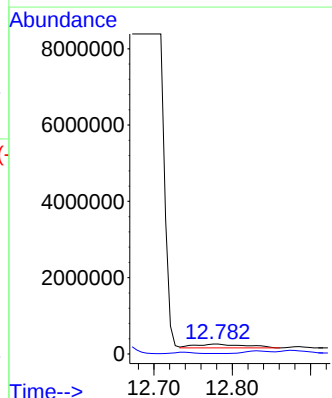
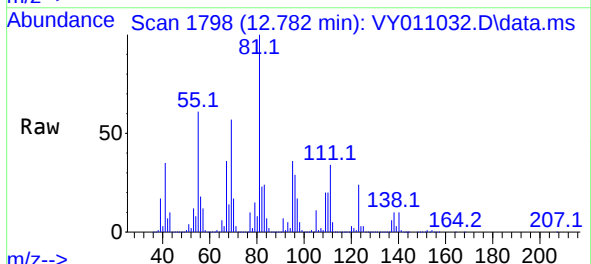
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

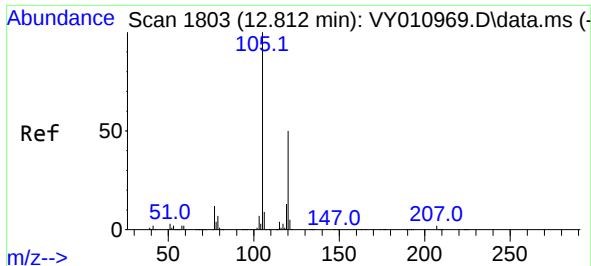
Tgt Ion: 91 Resp: 309192
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.9#



#79
2-Chlorotoluene
Concen: 41.158 ug/l
RT: 12.782 min Scan# 1798
Delta R.T. 0.024 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 91 Resp: 446955
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

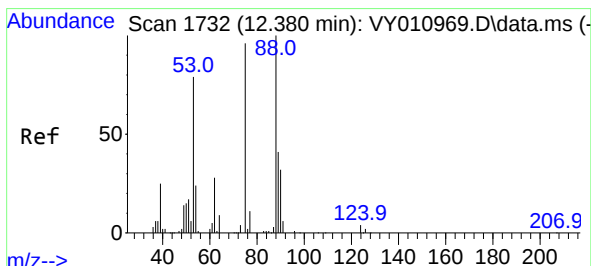
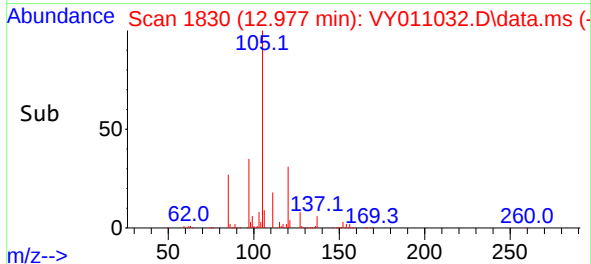
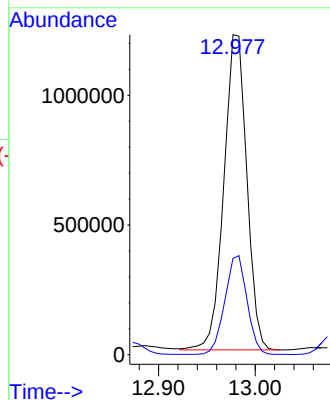
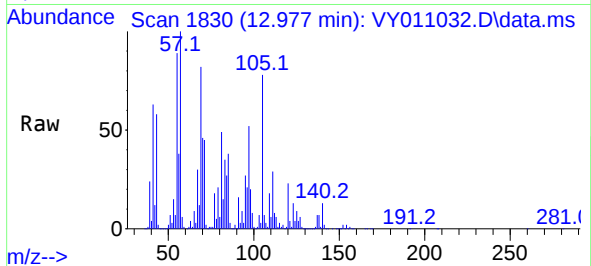




#80
1,3,5-Trimethylbenzene
Concen: 151.337 ug/l
RT: 12.977 min Scan# 11
Delta R.T. 0.165 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

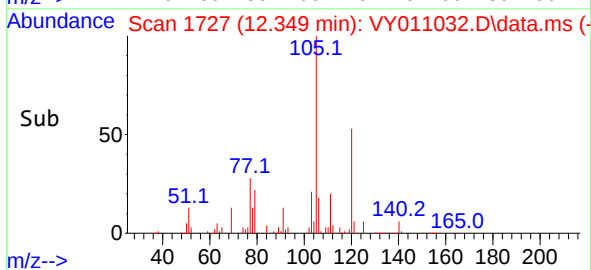
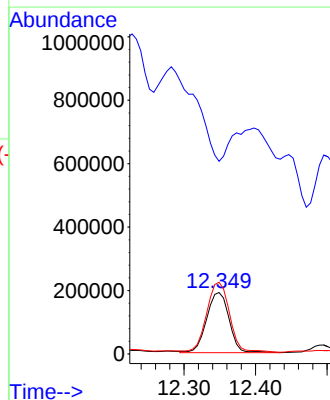
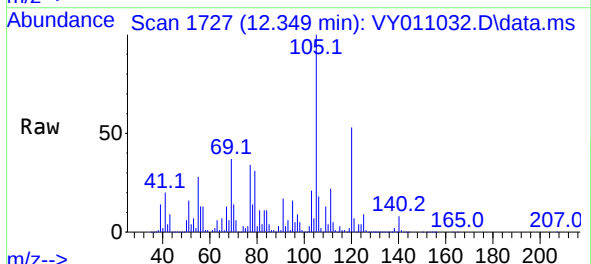
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

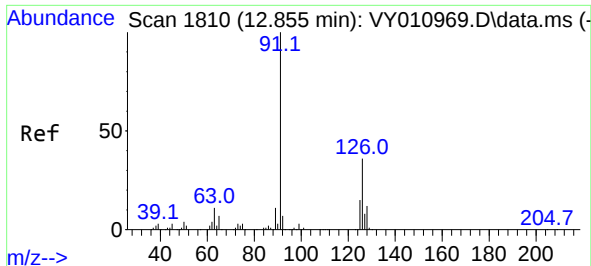
Tgt Ion:105 Resp: 2001227
Ion Ratio Lower Upper
105 100
120 30.3 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 360.502 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. -0.031 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 75 Resp: 415135
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 117.3 37.0 55.4#

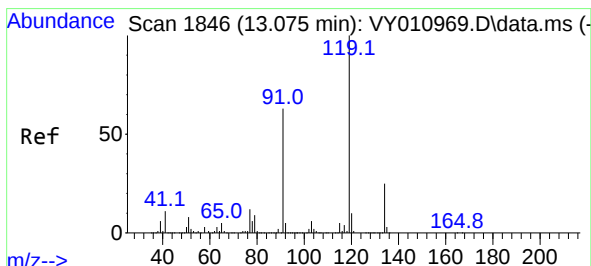
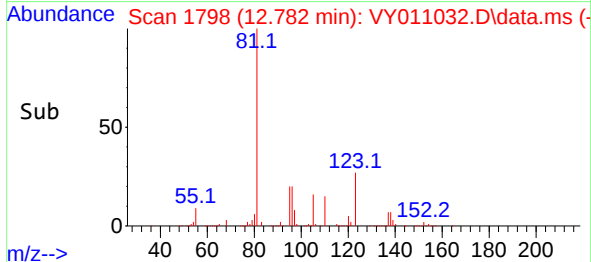
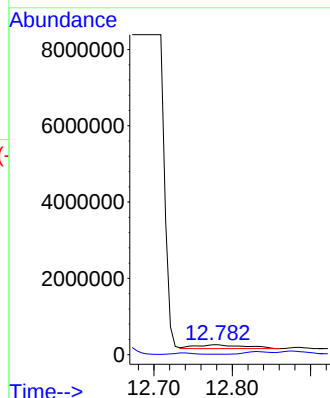
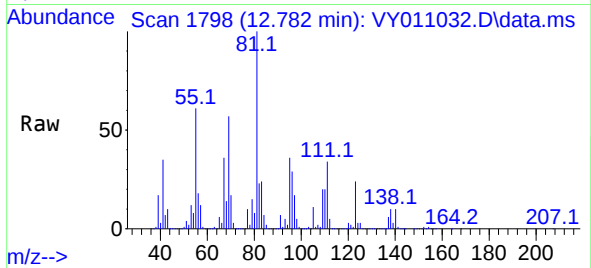




#82
4-Chlorotoluene
Concen: 39.530 ug/l
RT: 12.782 min Scan# 11
Delta R.T. -0.073 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

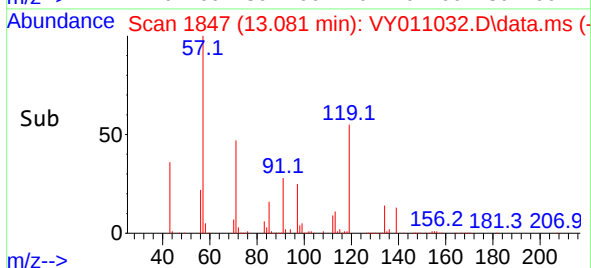
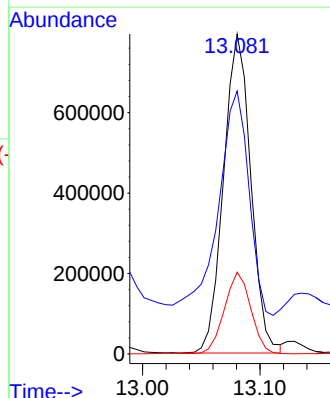
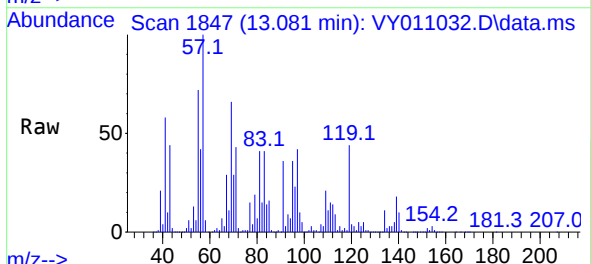
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

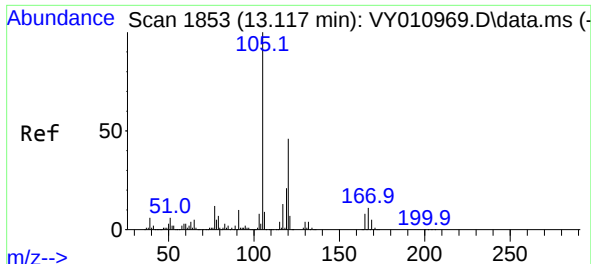
Tgt Ion: 91 Resp: 446955
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 111.803 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 119 Resp: 1278463
Ion Ratio Lower Upper
119 100
91 79.3 34.8 104.4
134 24.6 13.3 39.9

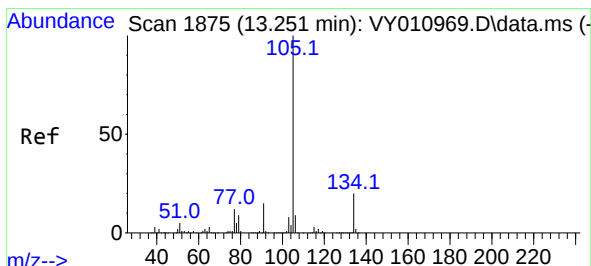
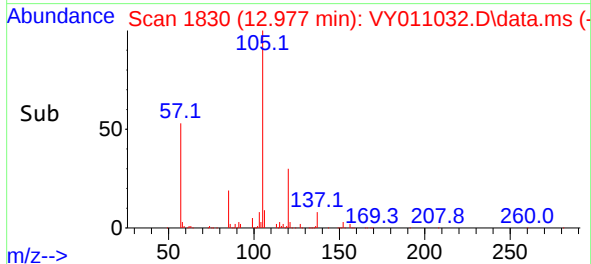
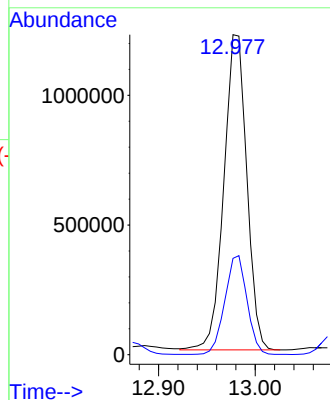
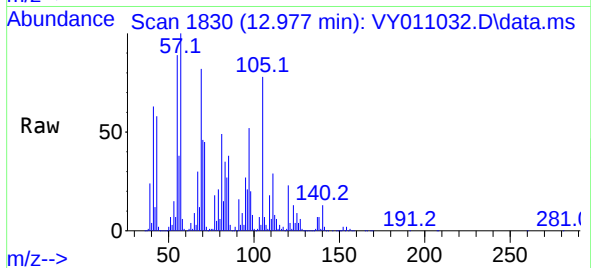




#84
1,2,4-Trimethylbenzene
Concen: 153.473 ug/l
RT: 12.977 min Scan# 1830
Delta R.T. -0.140 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

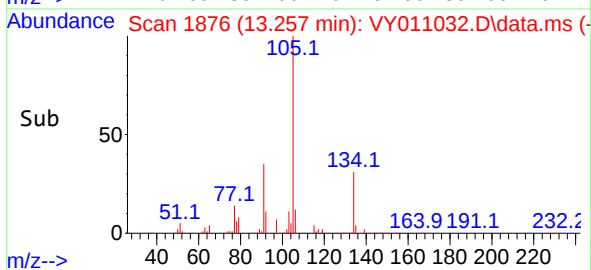
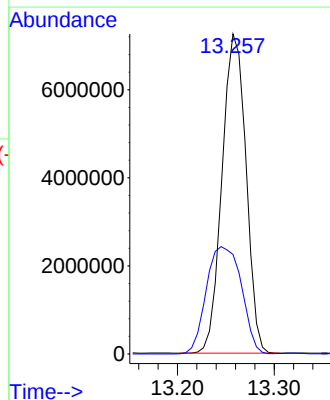
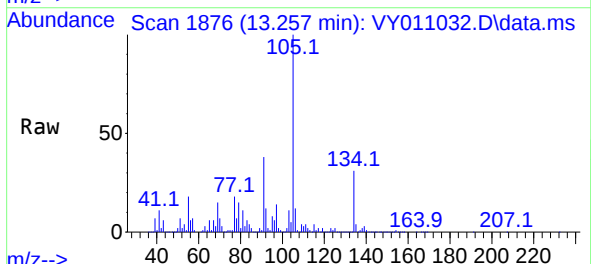
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

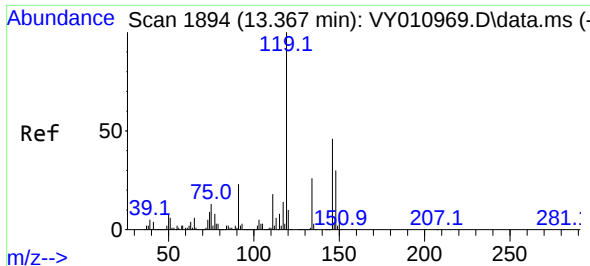
Tgt Ion:105 Resp: 2001227
Ion Ratio Lower Upper
105 100
120 30.3 22.3 66.9



#85
sec-Butylbenzene
Concen: 725.279 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion:105 Resp:12462490
Ion Ratio Lower Upper
105 100
134 49.3 10.2 30.4#



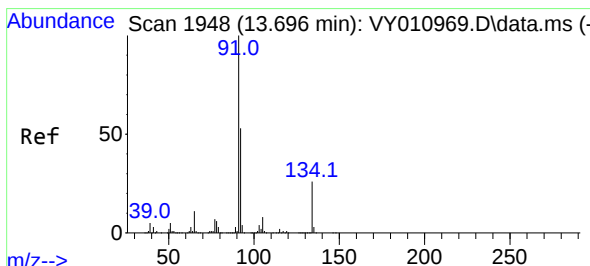
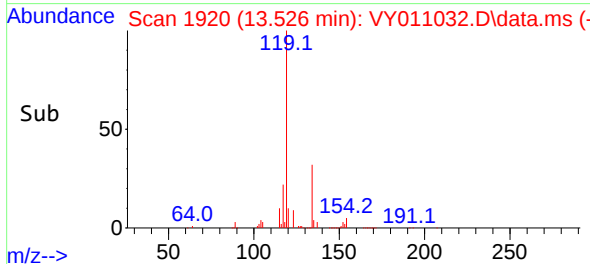
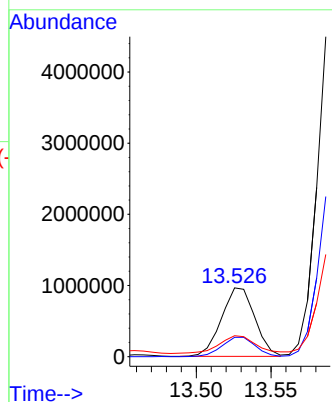
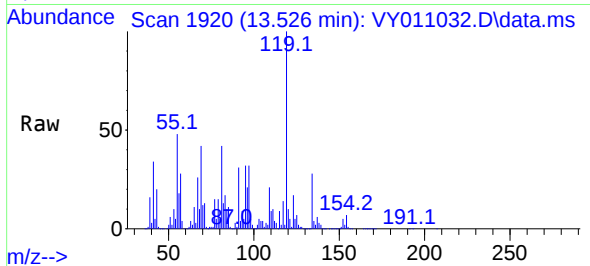


#86
p-Isopropyltoluene
Concen: 105.060 ug/l
RT: 13.526 min Scan# 1920
Delta R.T. 0.159 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

Tgt Ion:119 Resp: 1497604

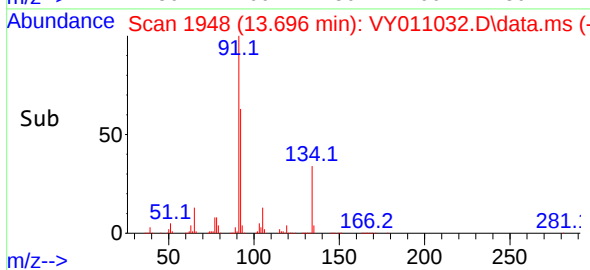
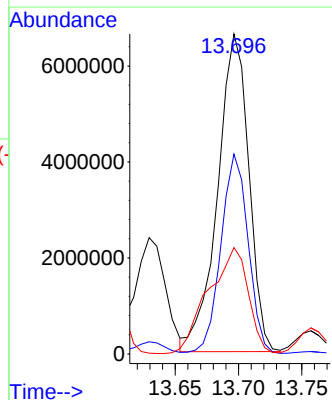
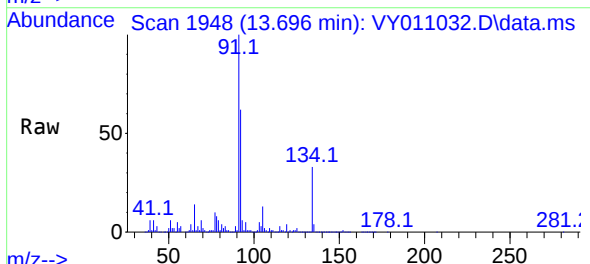
Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.2	39.5
91	28.2	12.4	37.2

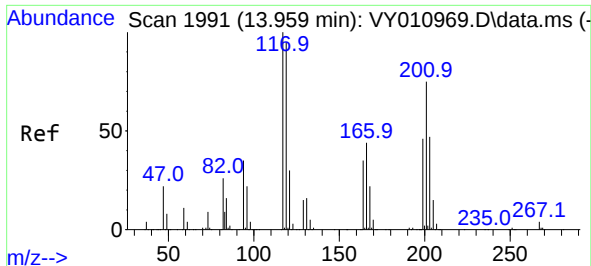


#89
n-Butylbenzene
Concen: 852.936 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Tgt Ion: 91 Resp:11361522

Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.3	78.9
134	42.7	13.0	38.9

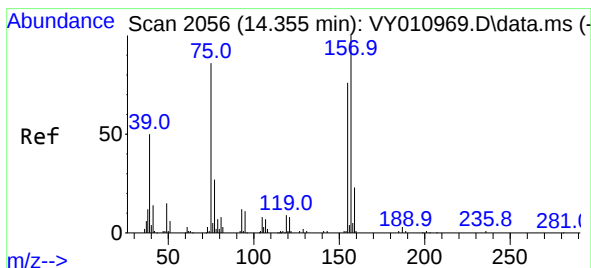
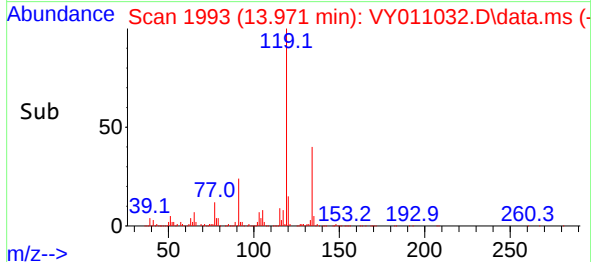
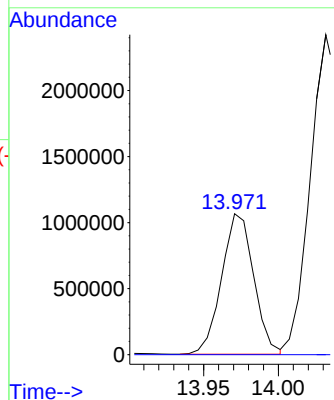
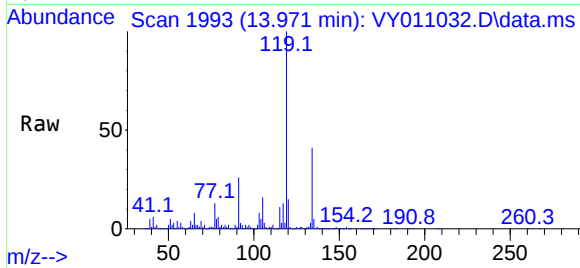




#90
Hexachloroethane
Concen: 565.316 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

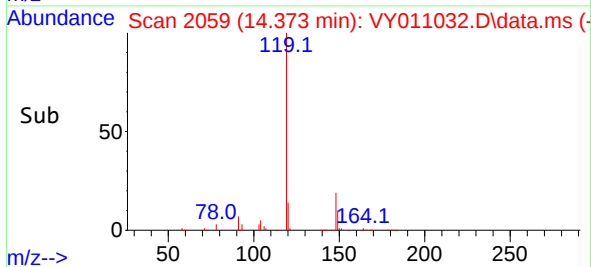
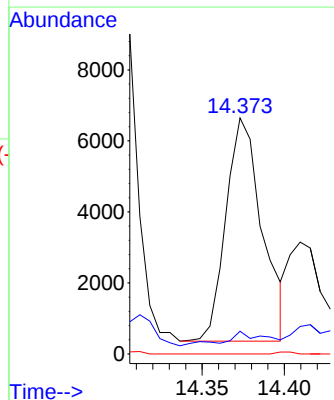
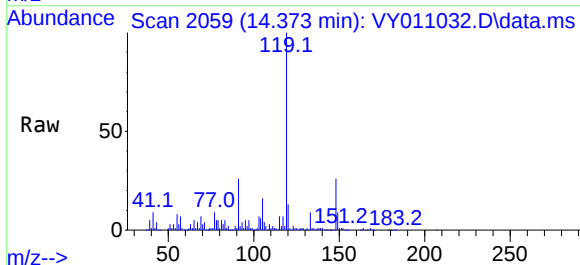
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

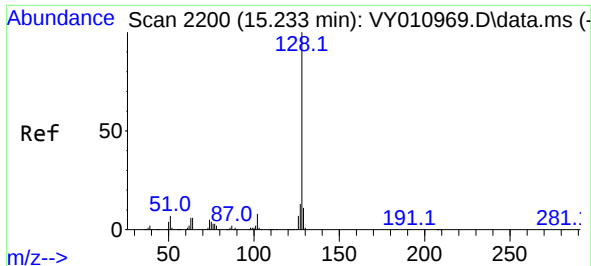
Tgt Ion:117 Resp: 1590349
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.565 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.018 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

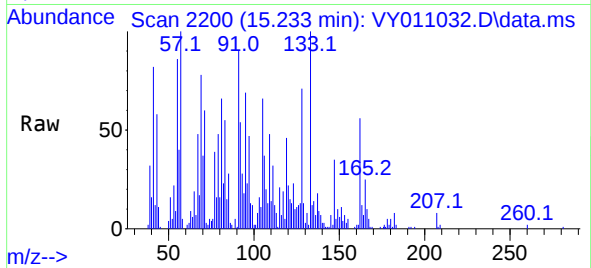
Tgt Ion: 75 Resp: 9660
Ion Ratio Lower Upper
75 100
155 6.9 38.0 113.9#
157 0.0 47.8 143.3#





#95
Naphthalene
Concen: 1.584 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011032.D
Acq: 20 Oct 2022 17:51

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40



Tgt Ion:128 Resp: 12756
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

