

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006736.D
 Acq On : 15 Nov 2021 17:11
 Operator : SY/MD
 Sample : VY1115SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBL01

Quant Time: Nov 16 04:21:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

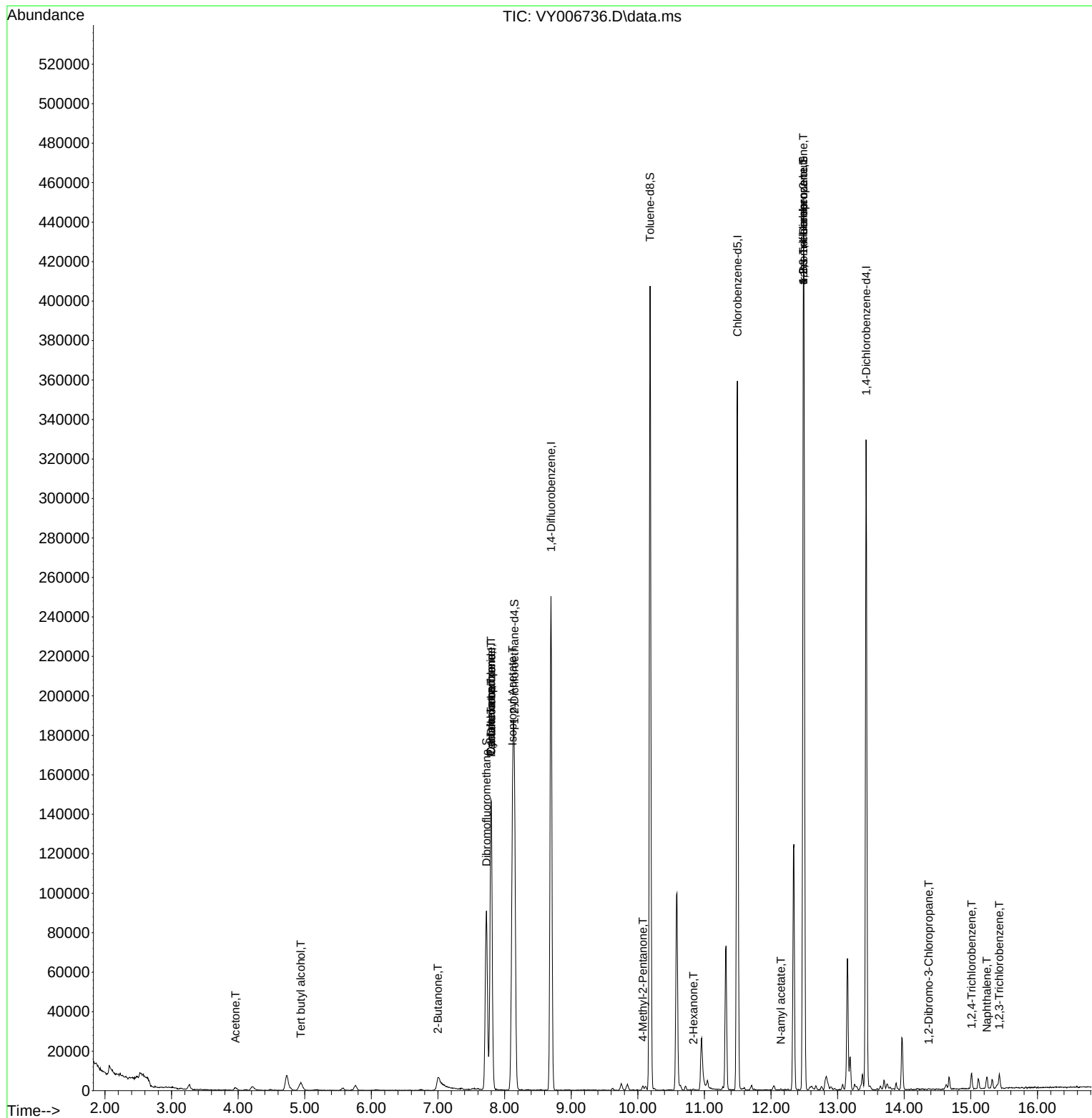
Internal Standards						
1) Pentafluorobenzene	7.801	168	113143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	193196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87601	59.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.160%	
35) Dibromofluoromethane	7.728	113	60609	51.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.140%	
50) Toluene-d8	10.185	98	244892	49.869	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.483	95	81904	49.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	4567	20.479	ug/l #	74
16) Acetone	3.960	43	2171	4.819	ug/l	97
25) 2-Butanone	6.996	43	1171	13.206	ug/l #	83
31) Cyclohexane	7.795	56	2777	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9619	4.581	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10980	5.112	ug/l #	18
43) Isopropyl Acetate	8.118	43	4815	1.828	ug/l #	19
51) 4-Methyl-2-Pentanone	10.075	43	1632	1.176	ug/l	98
59) 2-Hexanone	10.837	43	427	24.196	ug/l	80
74) N-amyl acetate	12.148	43	368	3.310	ug/l #	66
76) 1,2,3-Trichloropropane	12.483	75	48162	54.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48162	108.494	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.367	75	211	1.047	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.013	180	2166	1.375	ug/l	97
95) Naphthalene	15.239	128	4964	1.703	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	2223	1.693	ug/l	98

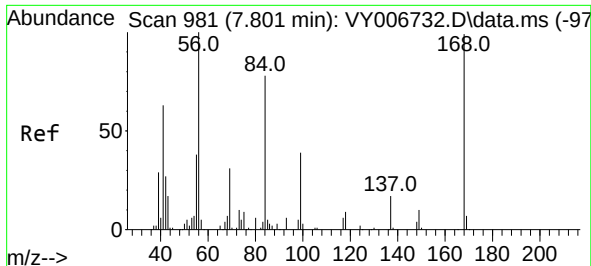
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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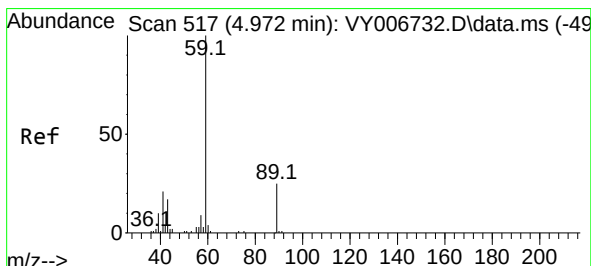
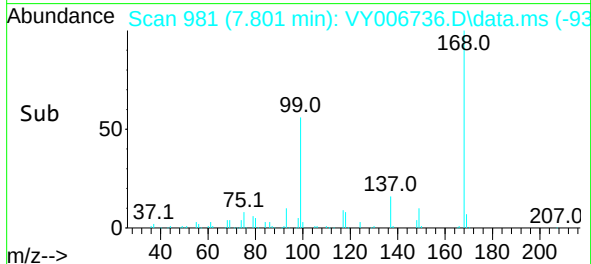
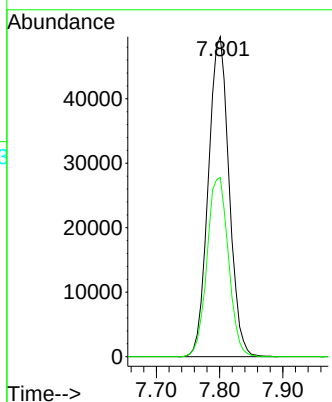
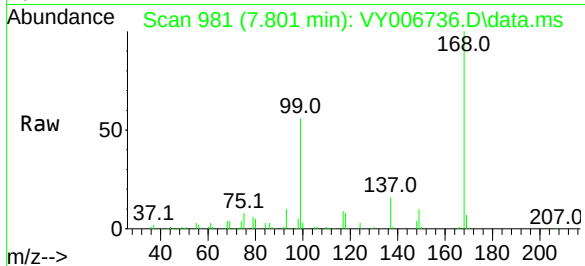




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

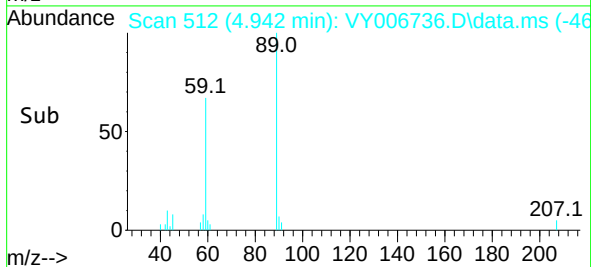
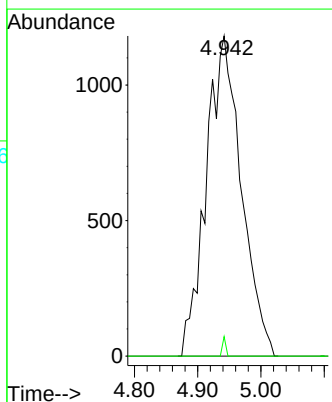
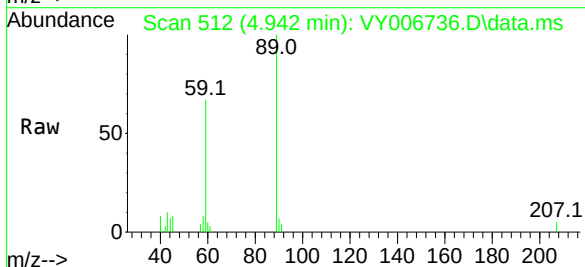
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

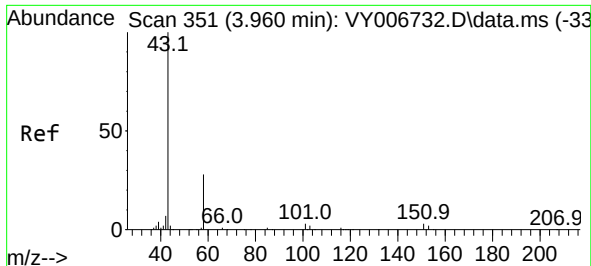
Tgt Ion:168 Resp: 113143
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 20.479 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 59 Resp: 4567
Ion Ratio Lower Upper
59 100
57 0.6 8.2 12.4#

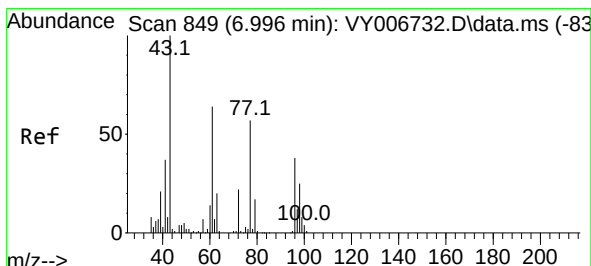
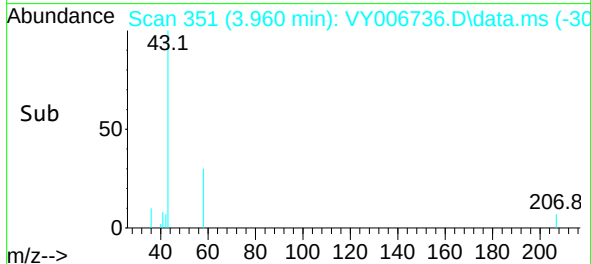
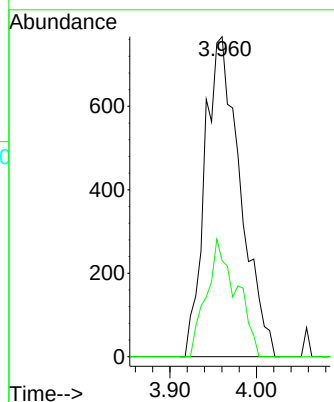
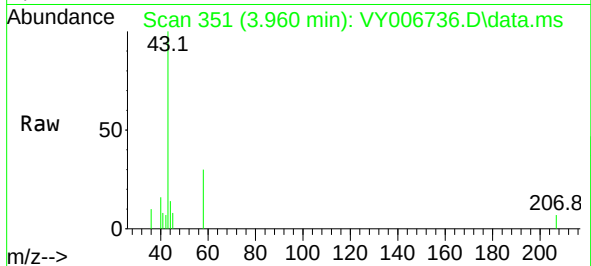




#16
Acetone
Concen: 4.819 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

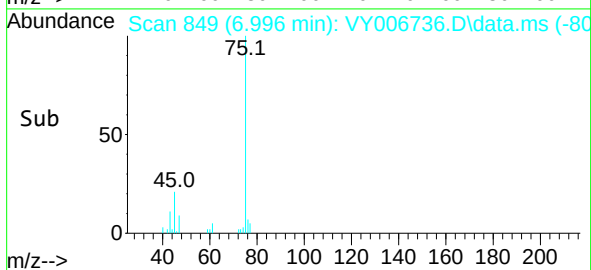
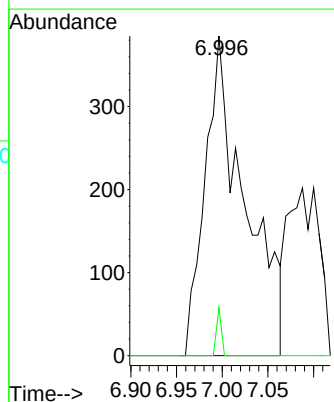
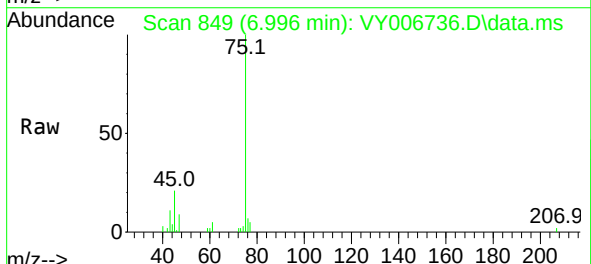
Instrument :
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ClientSampleId :
VY1115SBL01

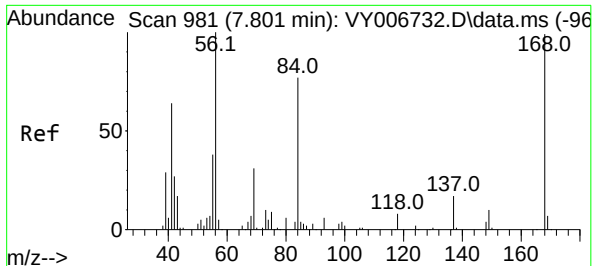
Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 30.0 22.9 34.3



#25
2-Butanone
Concen: 13.206 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 43 Resp: 1171
Ion Ratio Lower Upper
43 100
72 15.1 18.9 28.3#

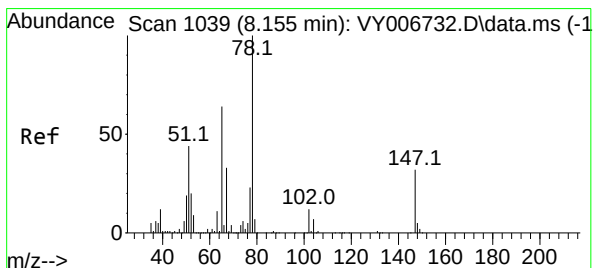
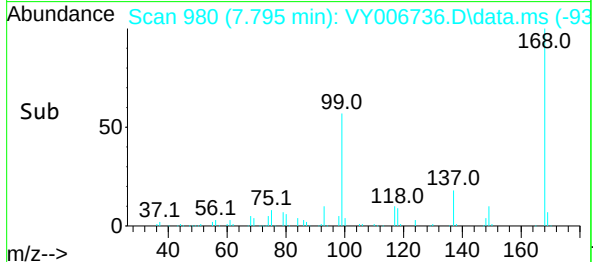
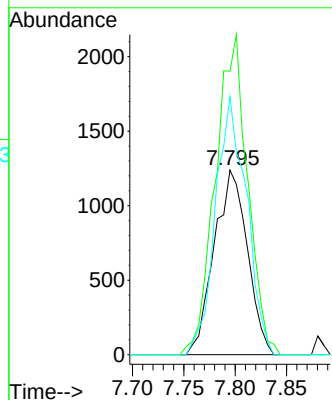
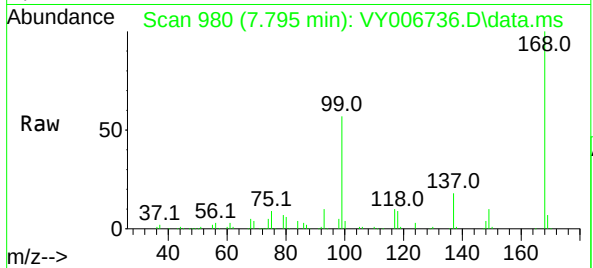




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

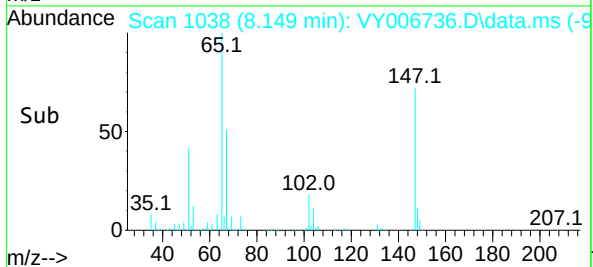
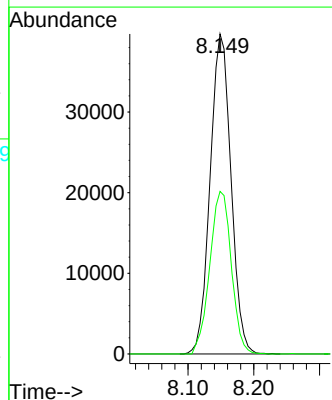
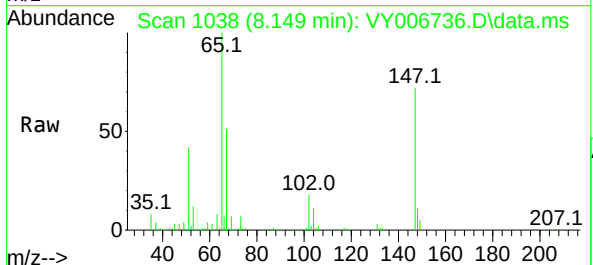
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

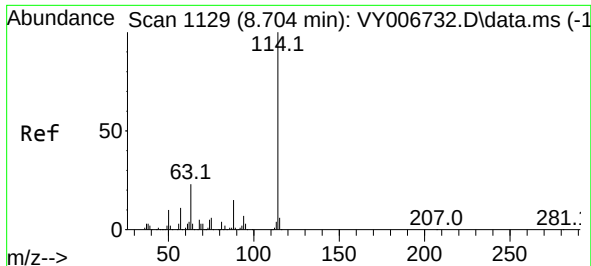
Tgt Ion: 56 Resp: 2777
Ion Ratio Lower Upper
56 100
69 153.6 26.6 40.0#
84 139.9 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 59.075 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 65 Resp: 87601
Ion Ratio Lower Upper
65 100
67 52.4 0.0 98.2

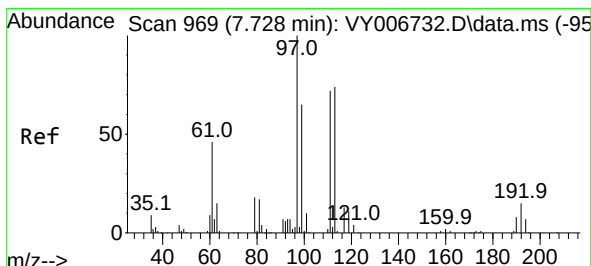
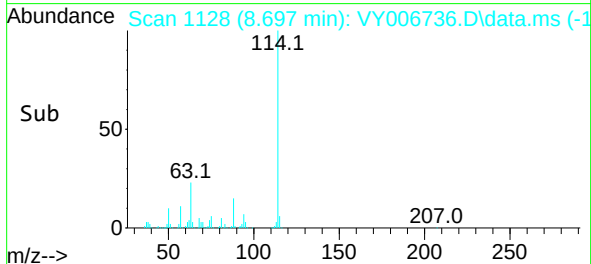
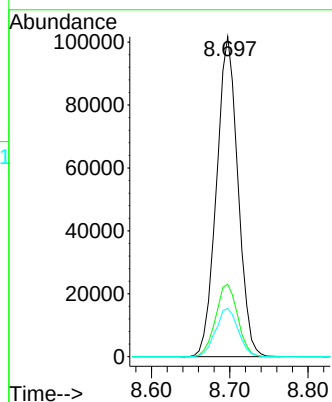
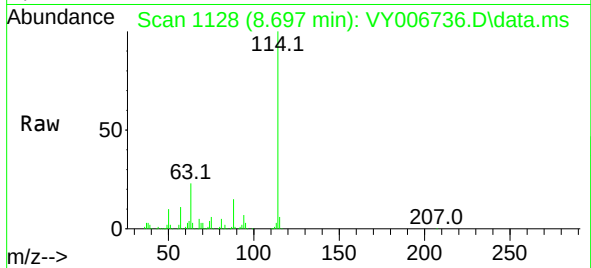




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

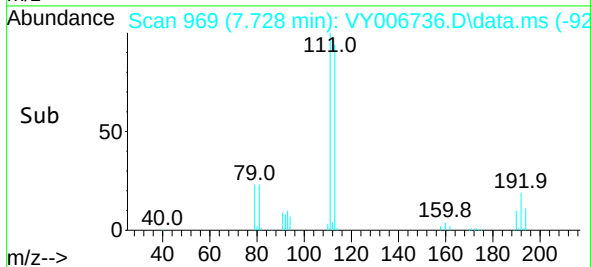
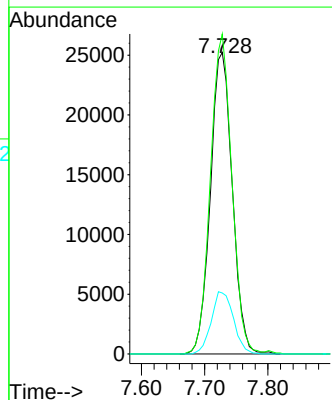
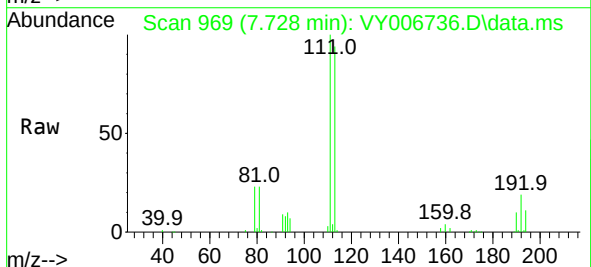
Instrument :
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ClientSampleId :
VY1115SBL01

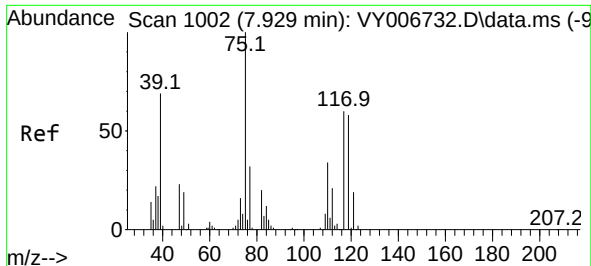
Tgt Ion:114 Resp: 193196
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.074 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion:113 Resp: 60609
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 20.8 17.4 26.2

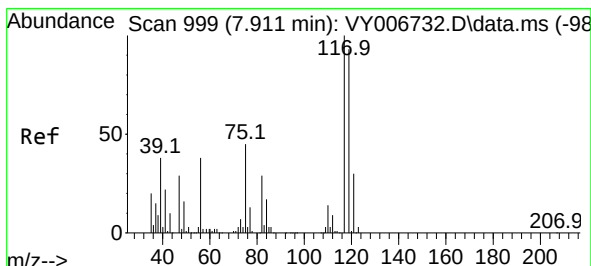
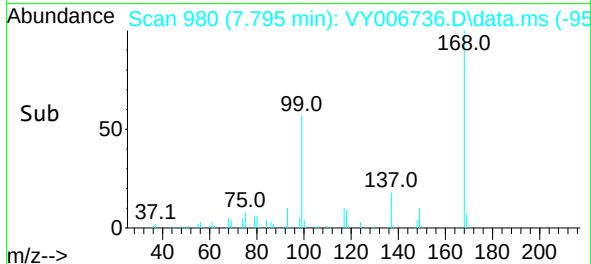
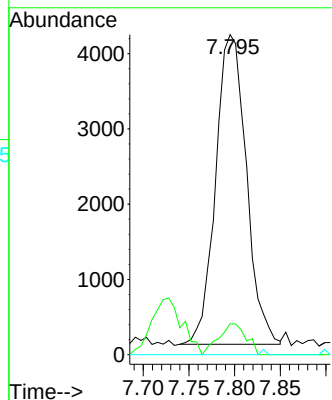
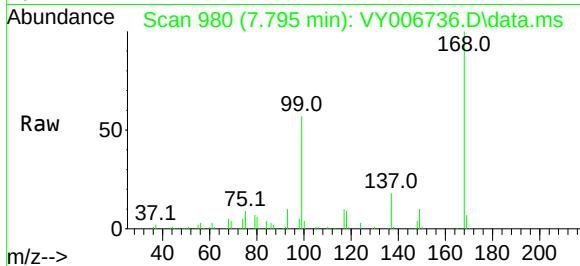




#36
 1,1-Dichloropropene
 Concen: 4.581 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY006736.D
 Acq: 15 Nov 2021 17:11

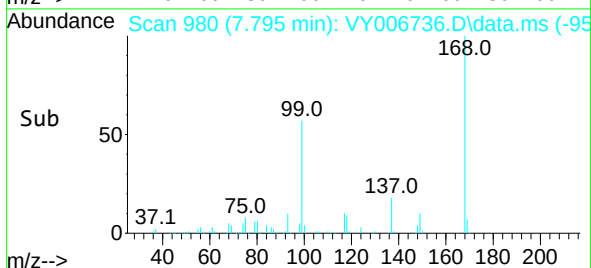
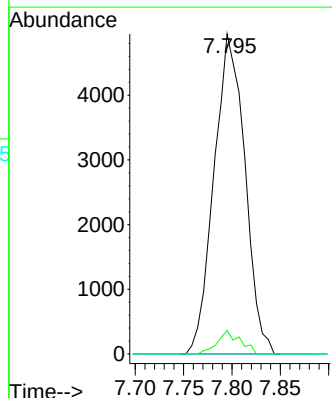
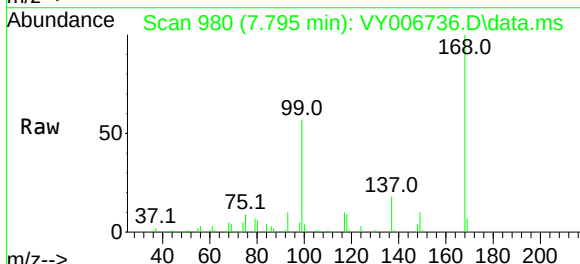
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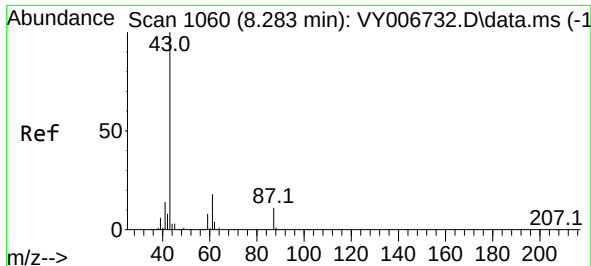
Tgt Ion: 75 Resp: 9619
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.112 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY006736.D
 Acq: 15 Nov 2021 17:11

Tgt Ion: 117 Resp: 10980
 Ion Ratio Lower Upper
 117 100
 119 7.4 76.6 115.0#
 121 0.0 24.7 37.1#

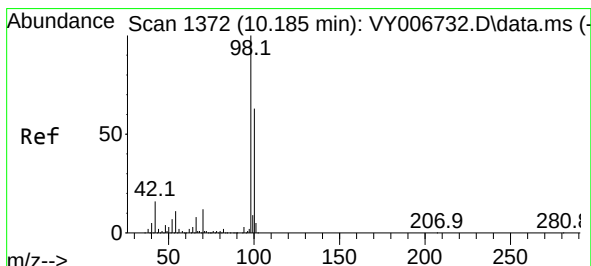
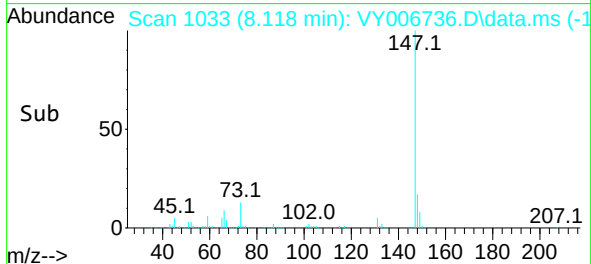
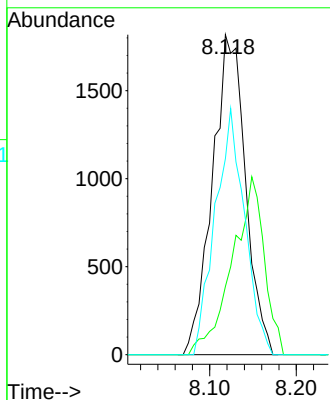
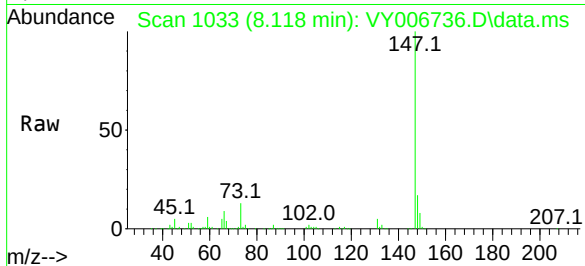




#43
Isopropyl Acetate
Concen: 1.828 ug/l
RT: 8.118 min Scan# 1060
Delta R.T. -0.165 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

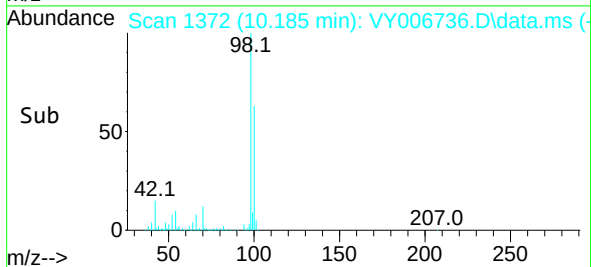
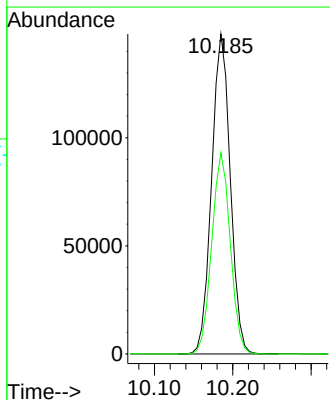
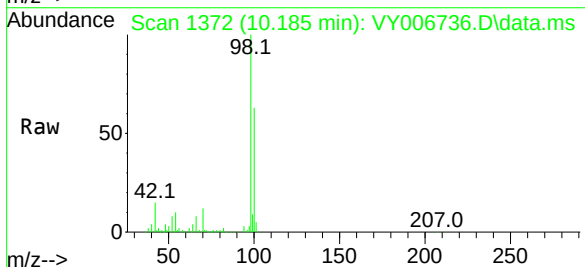
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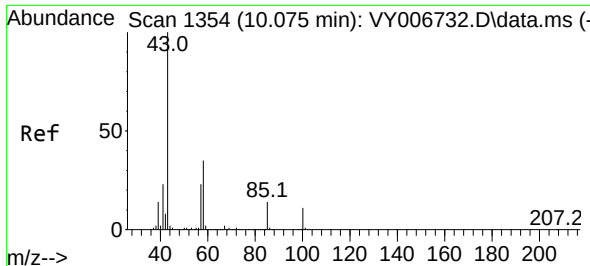
Tgt Ion: 43 Resp: 4815
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 68.5 9.0 13.6#



#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 98 Resp: 244892
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

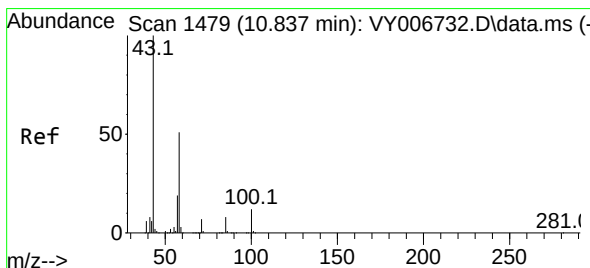
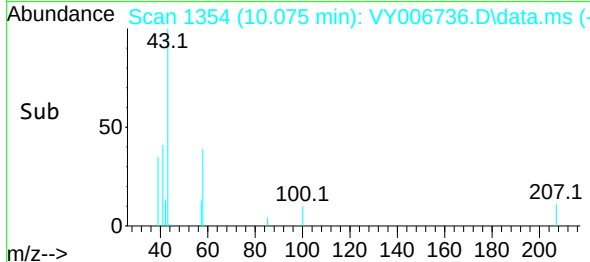
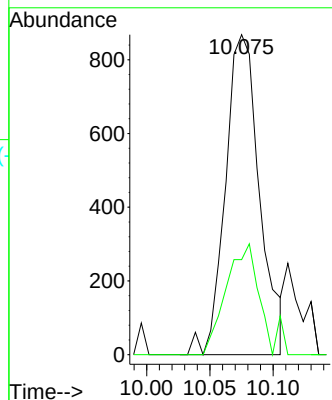
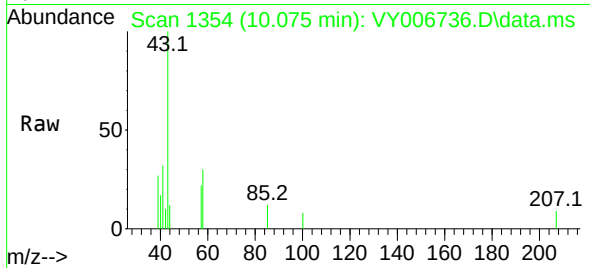




#51
4-Methyl-2-Pentanone
Concen: 1.176 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

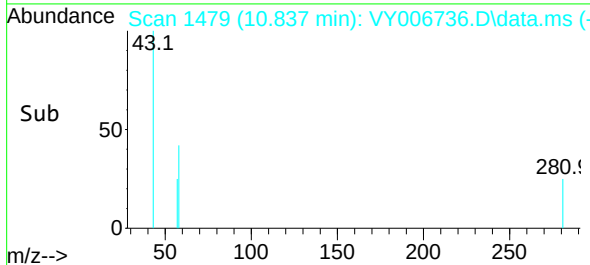
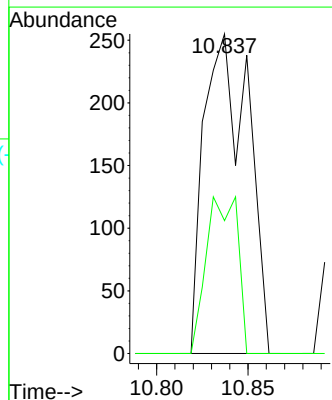
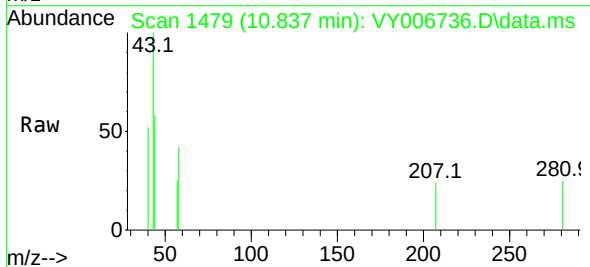
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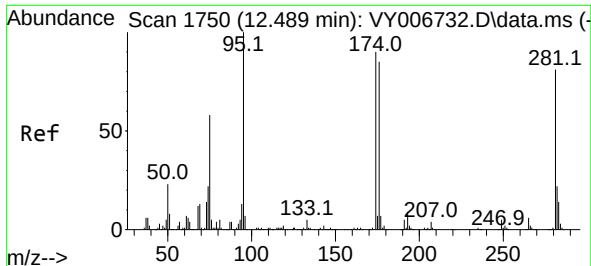
Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
58 34.7 28.7 43.1



#59
2-Hexanone
Concen: 24.196 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 35.1 24.6 73.6

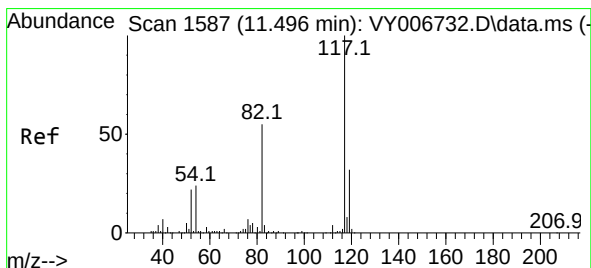
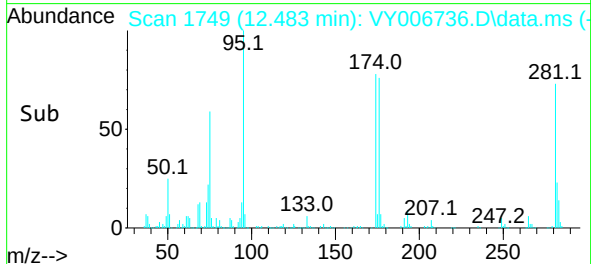
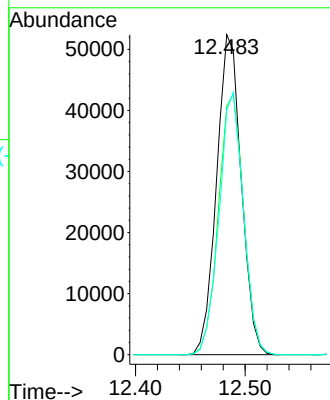
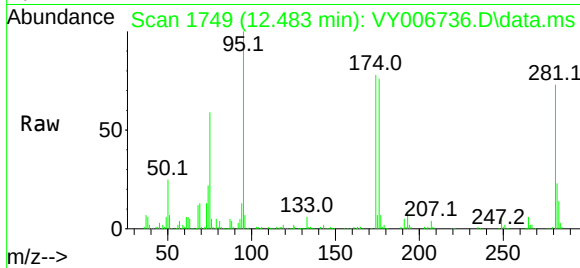




#62
4-Bromofluorobenzene
Concen: 49.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

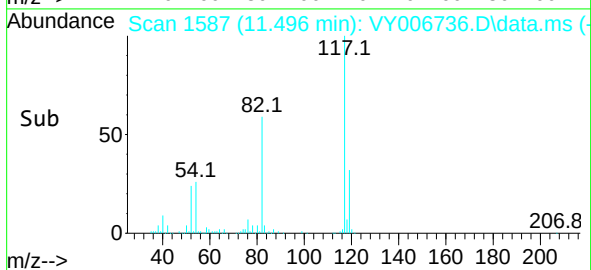
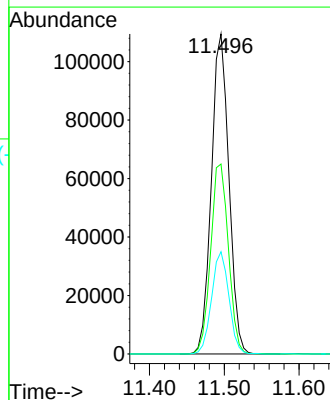
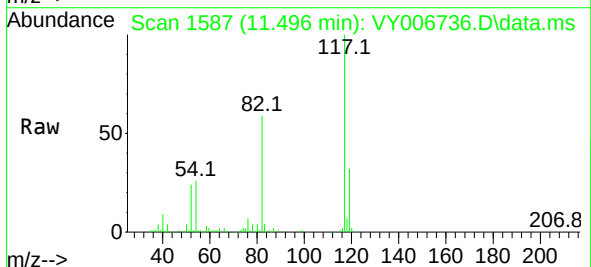
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

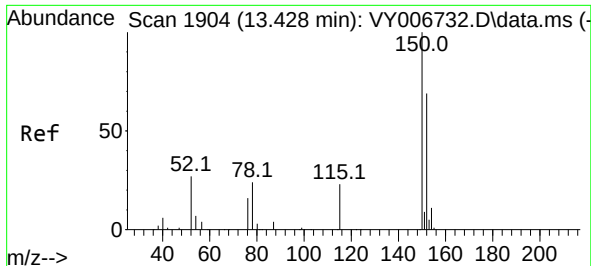
Tgt Ion: 95 Resp: 81904
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 81.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 117 Resp: 178134
Ion Ratio Lower Upper
117 100
82 59.4 45.7 68.5
119 32.0 25.5 38.3

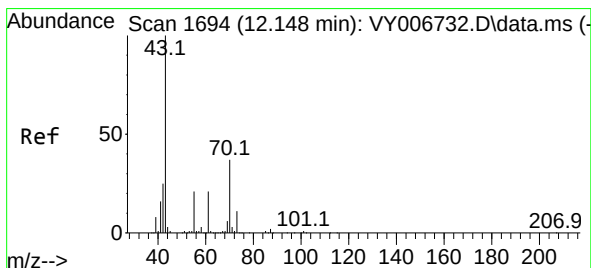
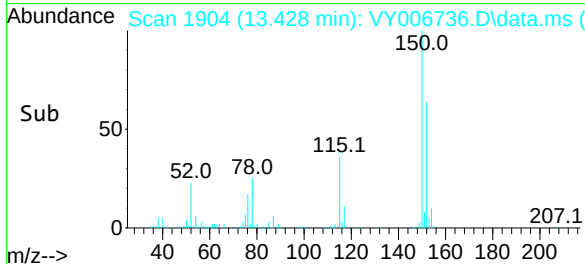
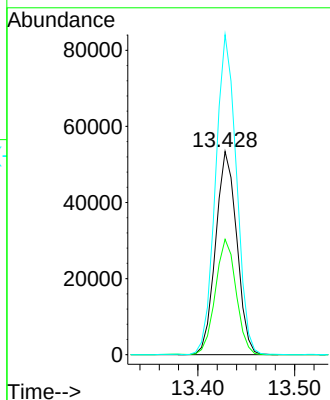
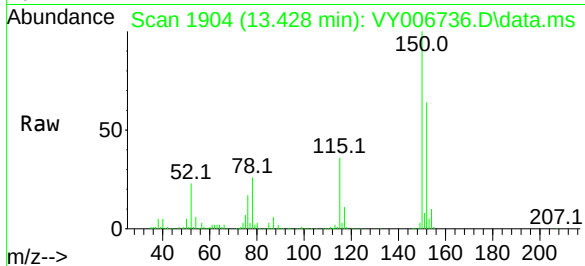




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

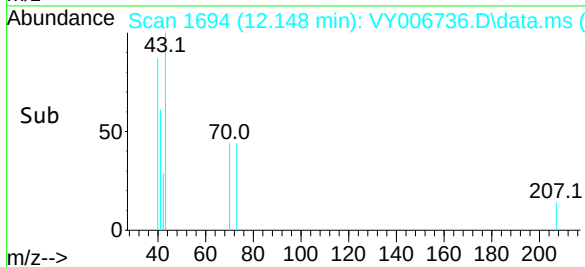
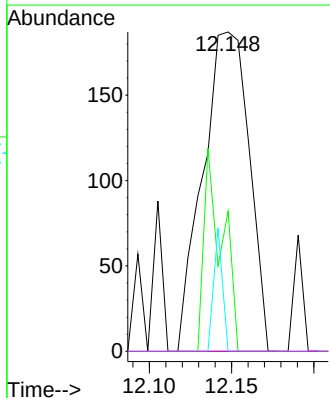
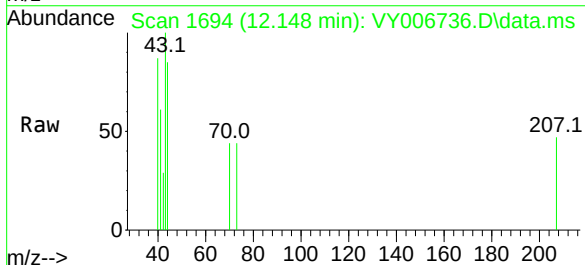
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

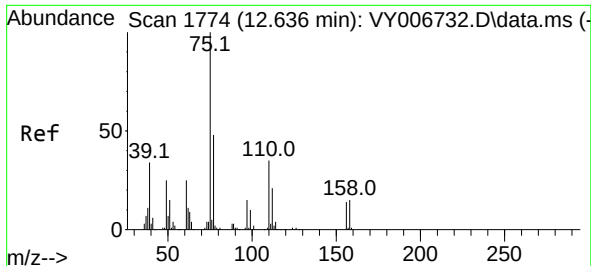
Tgt Ion:152 Resp: 80904
Ion Ratio Lower Upper
152 100
115 55.8 28.5 85.5
150 156.2 0.0 348.2



#74
N-ethyl acetate
Concen: 3.310 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
70 25.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#

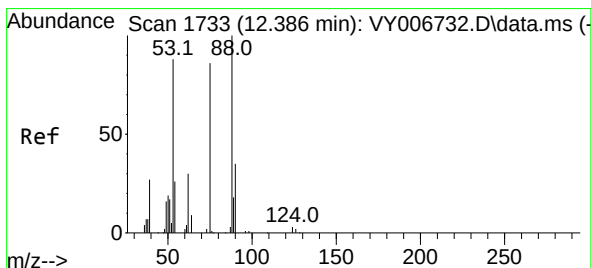
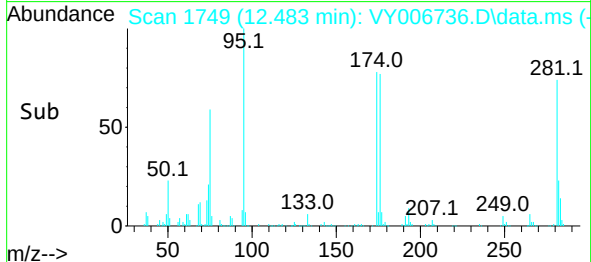
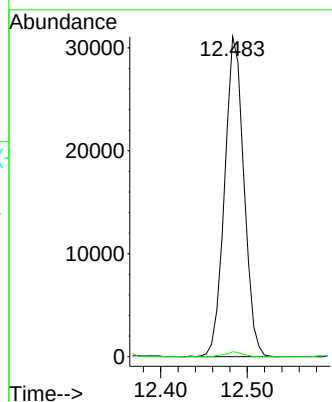
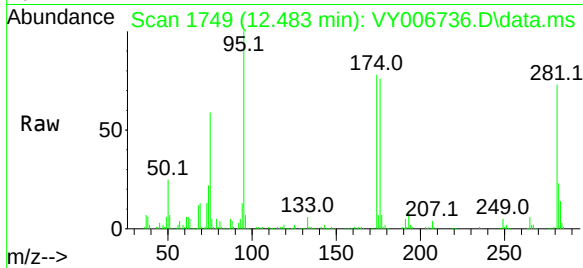




#76
1,2,3-Trichloropropane
Concen: 54.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

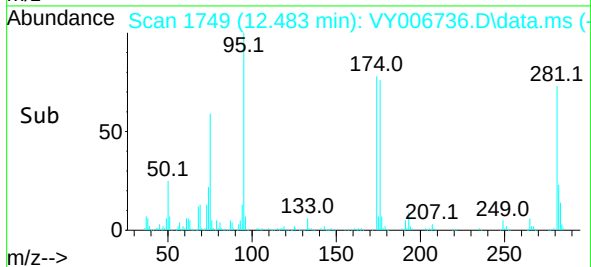
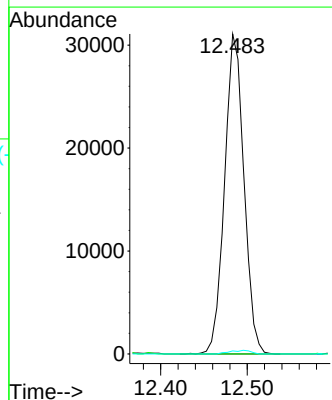
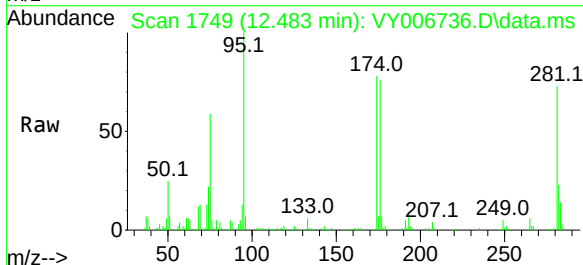
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

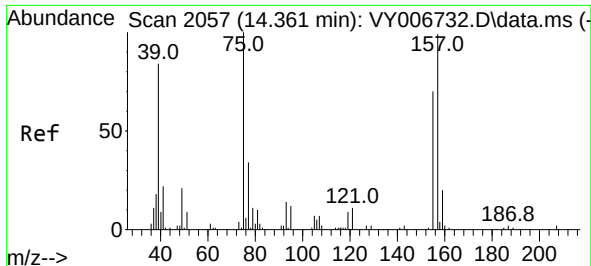
Tgt Ion: 75 Resp: 48162
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.494 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion: 75 Resp: 48162
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.2 39.3 58.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.047 ug/l

RT: 14.367 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY006736.D

Acq: 15 Nov 2021 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBL01

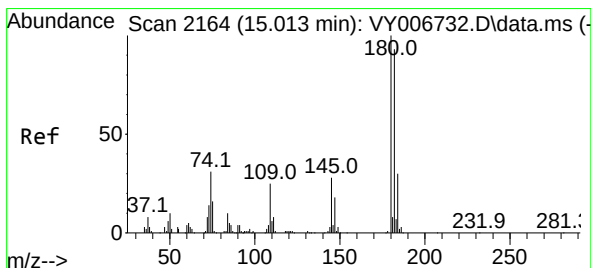
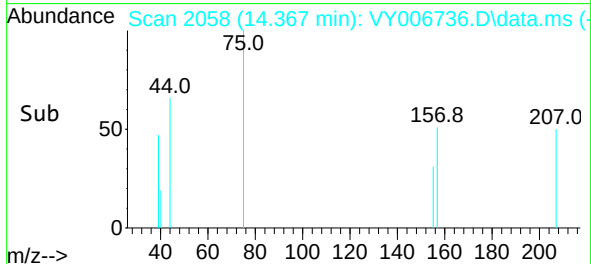
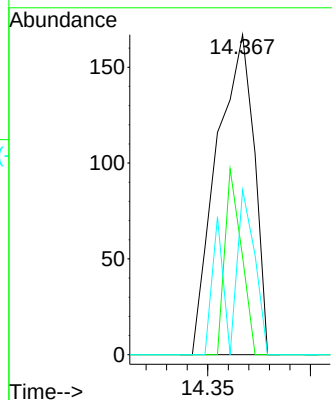
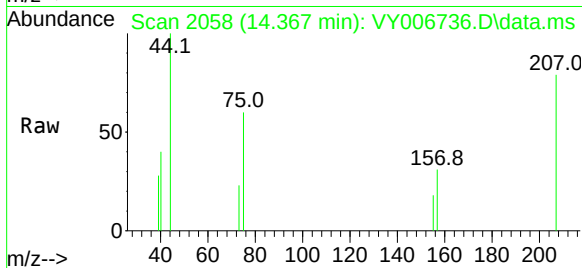
Tgt Ion: 75 Resp: 211

Ion Ratio Lower Upper

75 100

155 25.6 39.0 116.9#

157 36.5 49.2 147.6#



#93

1,2,4-Trichlorobenzene

Concen: 1.375 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY006736.D

Acq: 15 Nov 2021 17:11

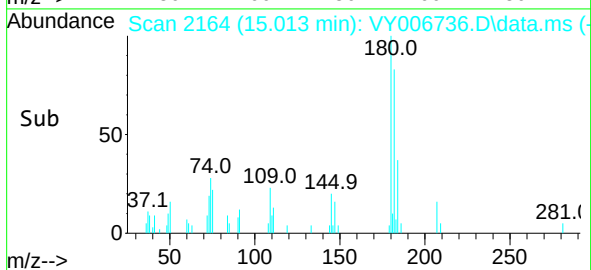
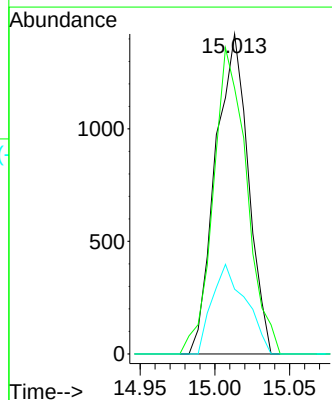
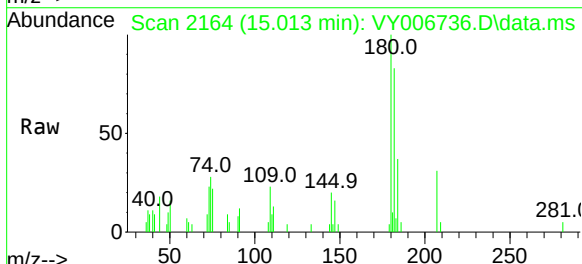
Tgt Ion:180 Resp: 2166

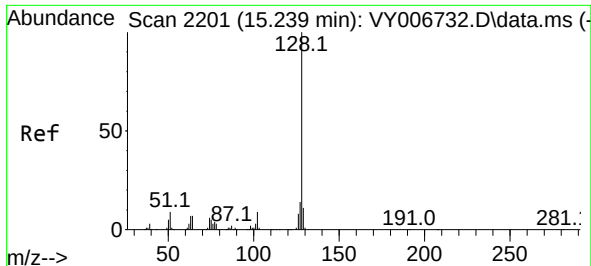
Ion Ratio Lower Upper

180 100

182 97.7 47.1 141.4

145 28.7 14.5 43.6

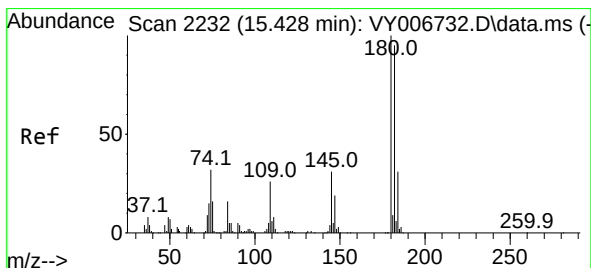
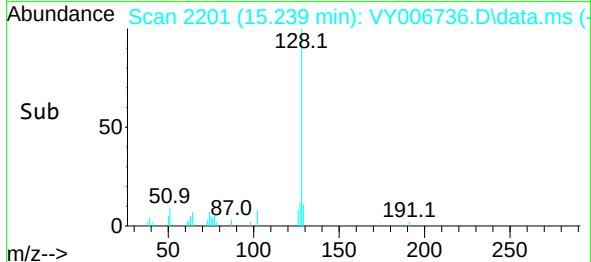
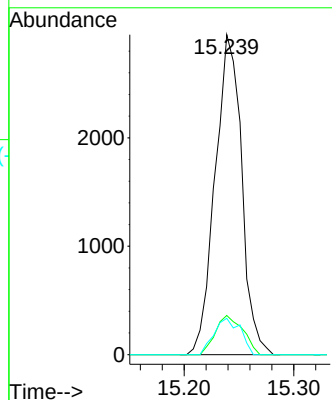
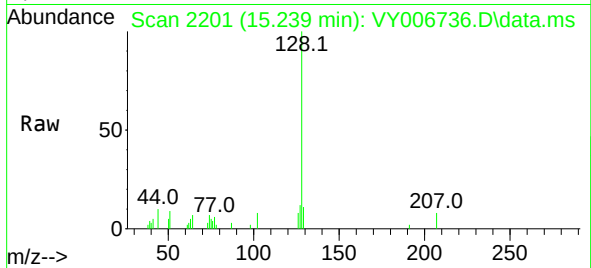




#95
Naphthalene
Concen: 1.703 ug/l
RT: 15.239 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

Tgt Ion:128 Resp: 4964
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 1.693 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006736.D
Acq: 15 Nov 2021 17:11

Tgt Ion:180 Resp: 2223
Ion Ratio Lower Upper
180 100
182 93.4 47.8 143.4
145 29.4 15.3 45.8

