

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019998.D
 Acq On : 23 Oct 2024 16:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 01:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

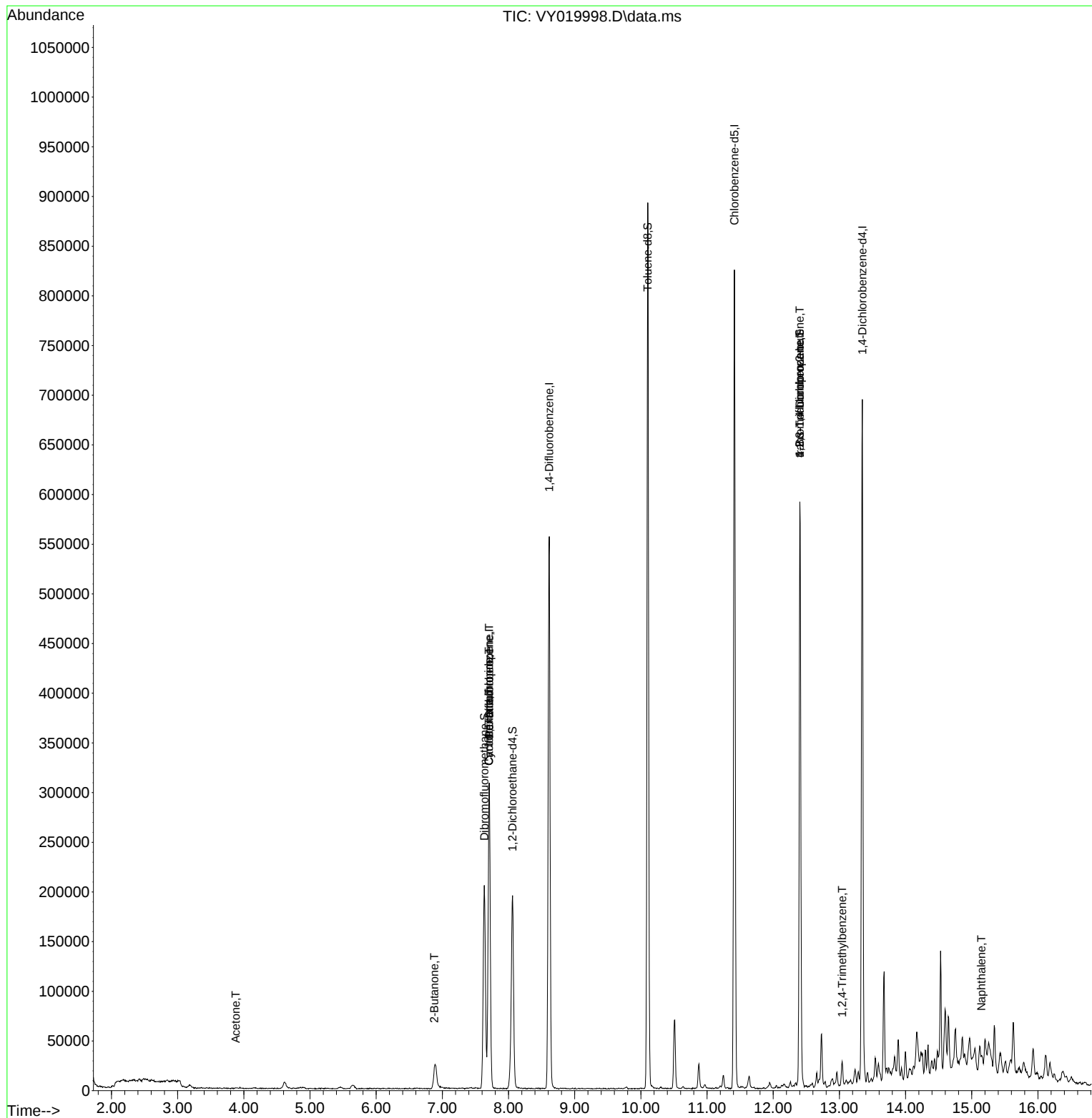
Internal Standards						
1) Pentafluorobenzene	7.707	168	210339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	438791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143582	55.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.880%	
35) Dibromofluoromethane	7.634	113	141959	49.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.060%	
50) Toluene-d8	10.103	98	540014	50.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.401	95	171561	44.404	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	330	Below Cal	#	88
16) Acetone	3.879	43	872	1.293	ug/l	94
25) 2-Butanone	6.878	43	2083	2.308	ug/l #	81
31) Cyclohexane	7.701	56	6146	1.420	ug/l #	29
36) 1,1-Dichloropropene	7.707	75	20778	4.981	ug/l #	49
38) Carbon Tetrachloride	7.701	117	24670	5.517	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	99127	33.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	99127	136.031	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.042	105	12058	1.192	ug/l	94
95) Naphthalene	15.145	128	5317	1.057	ug/l #	86

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

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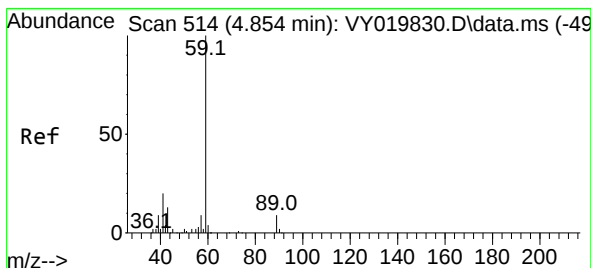
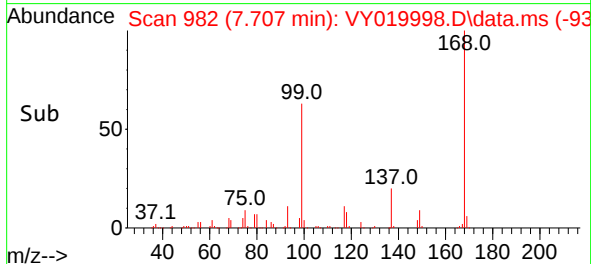
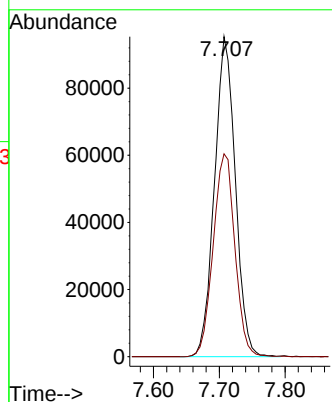
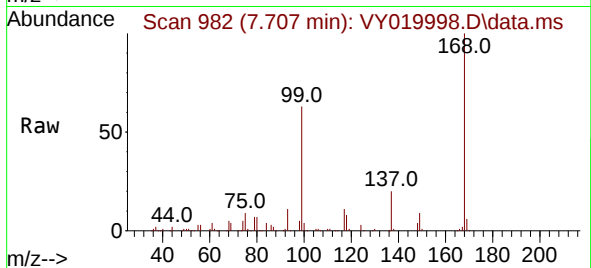




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

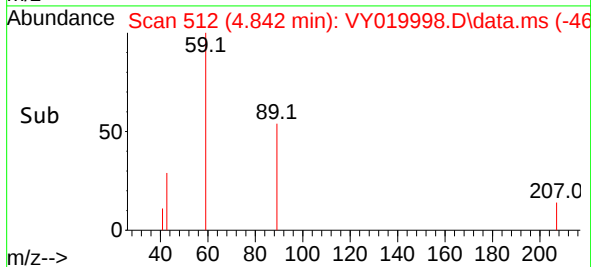
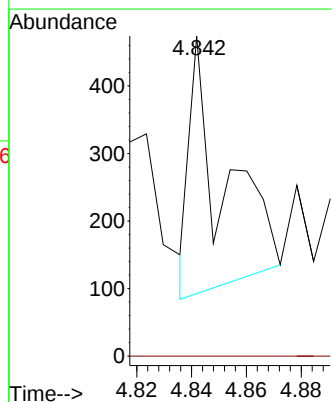
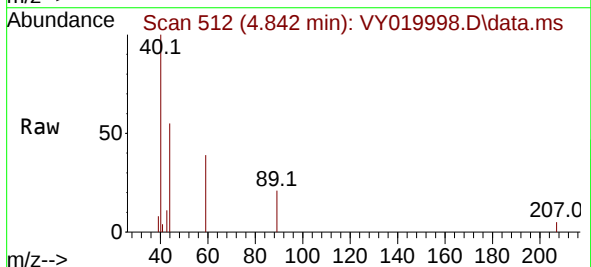
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 210339
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

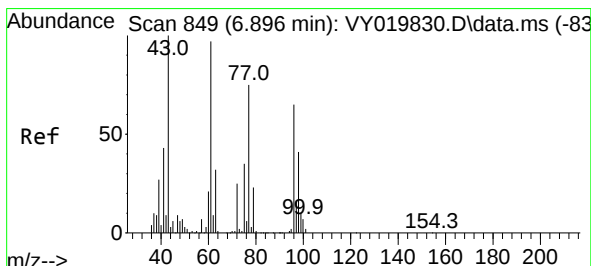
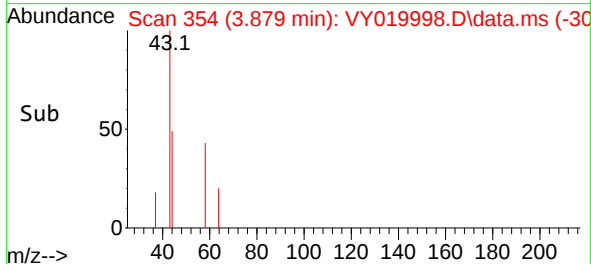
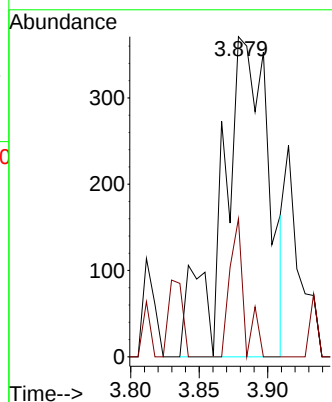
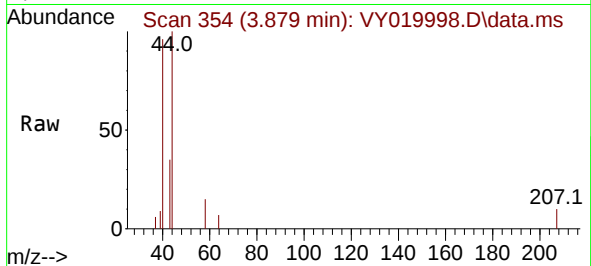




#16
Acetone
Concen: 1.293 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

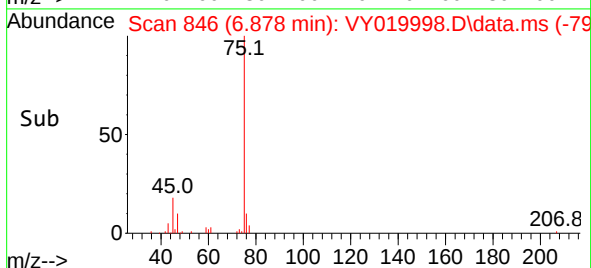
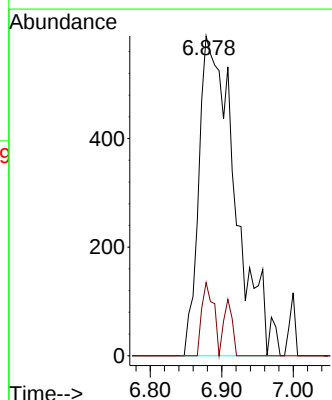
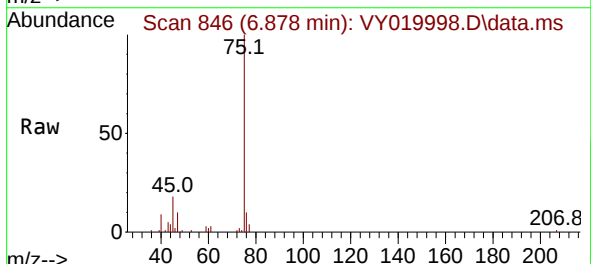
Instrument :
MSVOA_Y
ClientSampleId :

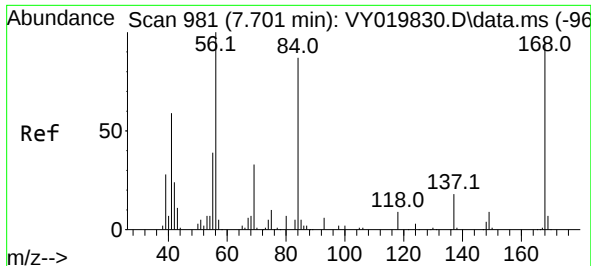
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 43.1 31.7 47.5



#25
2-Butanone
Concen: 2.308 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

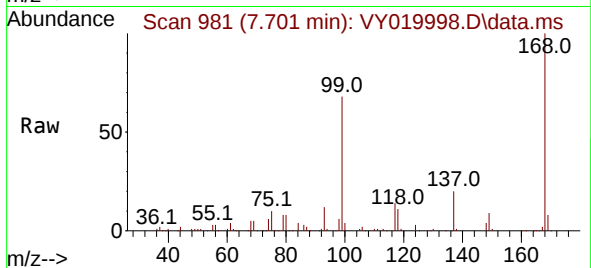
Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
72 22.9 27.3 40.9#



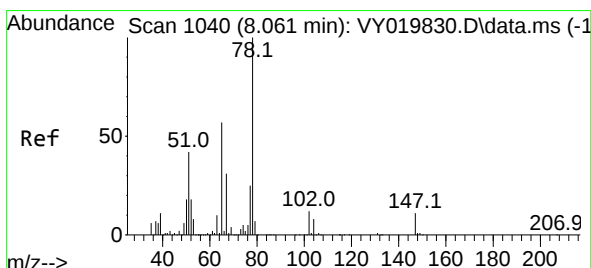
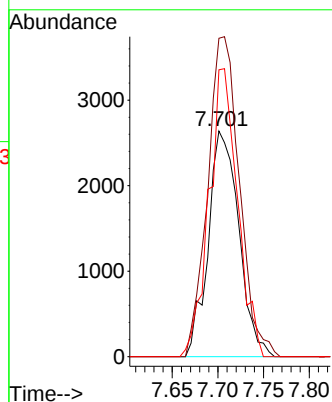
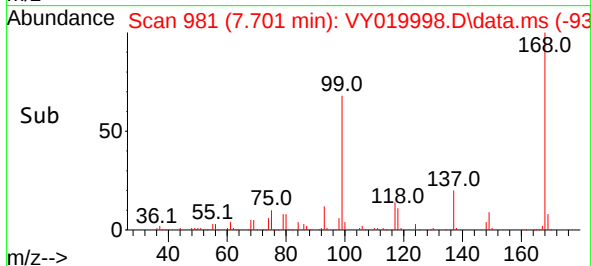


#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

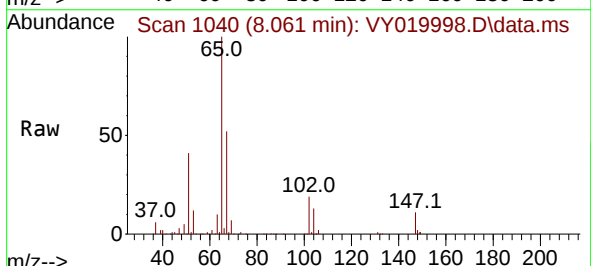
Instrument :
MSVOA_Y
ClientSampleId :



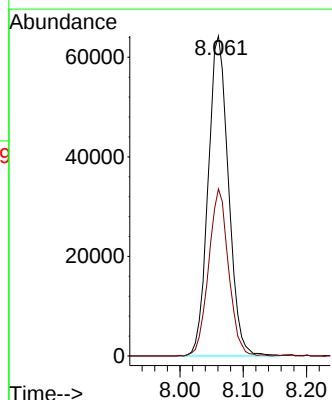
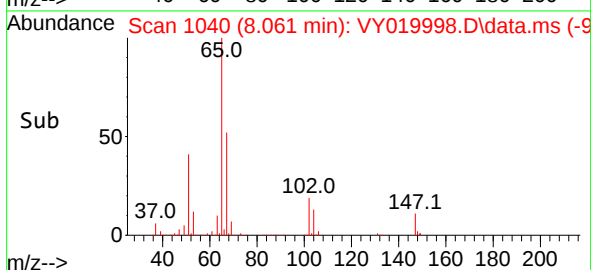
Tgt Ion: 56 Resp: 6146
Ion Ratio Lower Upper
56 100
69 141.1 28.7 43.1#
84 127.1 77.7 116.5#

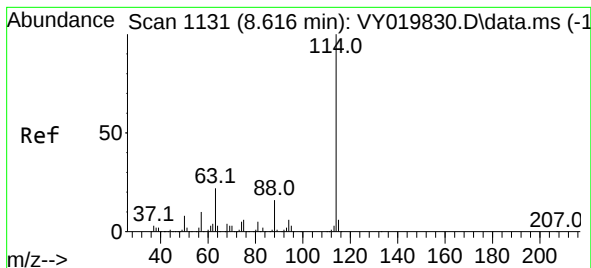


#33
1,2-Dichloroethane-d4
Concen: 55.439 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43



Tgt Ion: 65 Resp: 143582
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

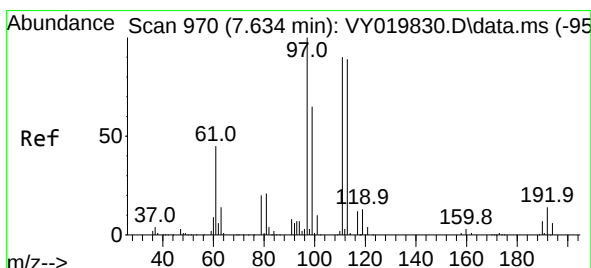
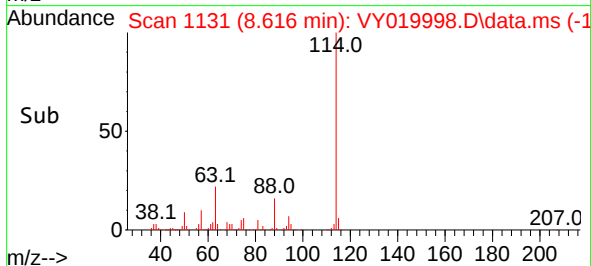
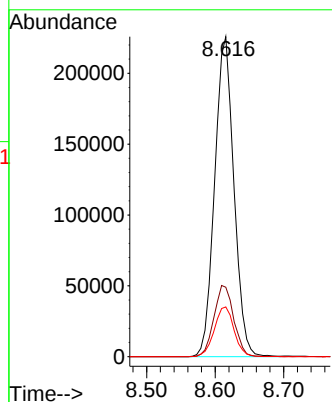
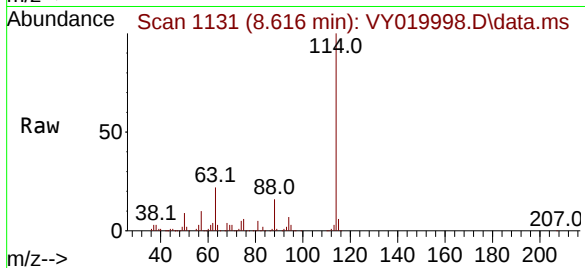
Tgt Ion:114 Resp: 438791

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.027 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

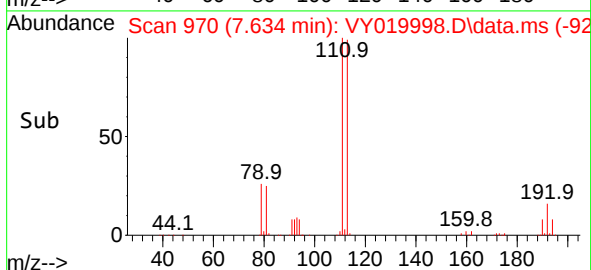
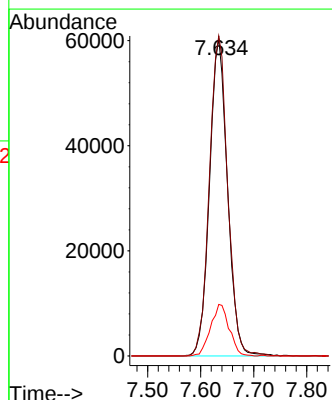
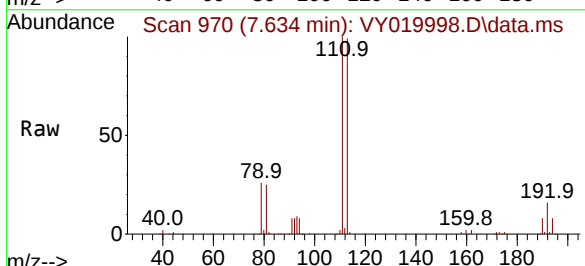
Tgt Ion:113 Resp: 141959

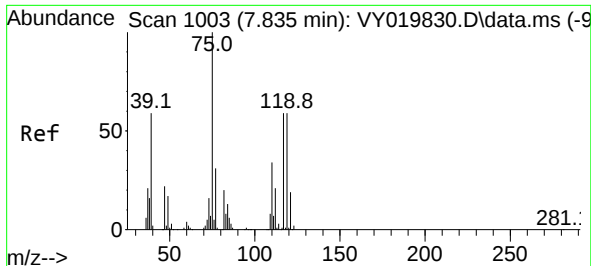
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.981 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

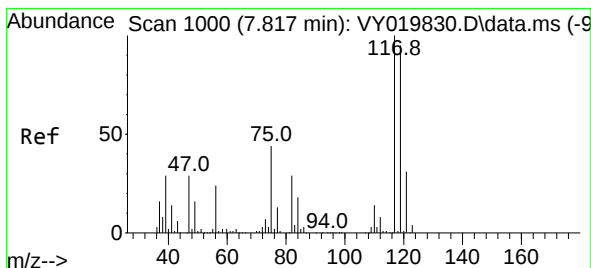
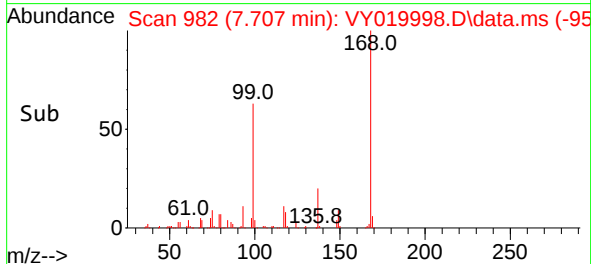
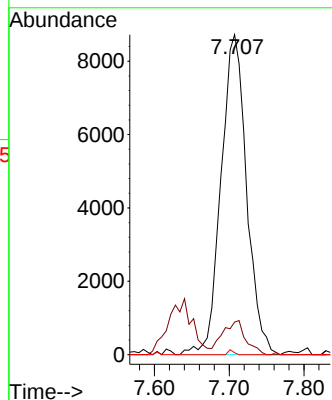
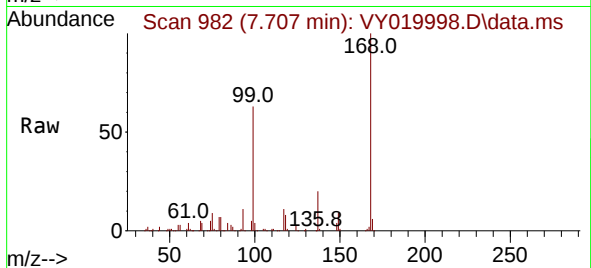
Tgt Ion: 75 Resp: 20778

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

77 0.3 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.517 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

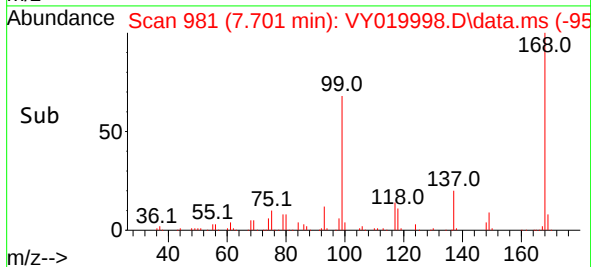
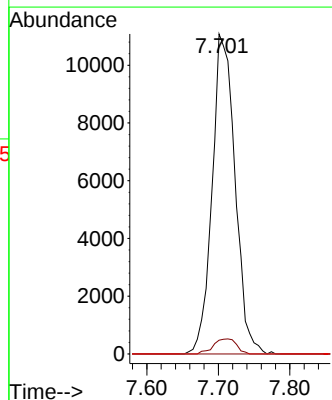
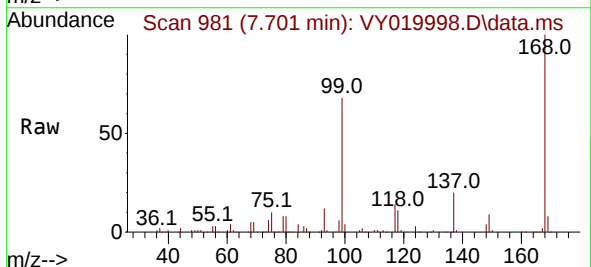
Tgt Ion: 117 Resp: 24670

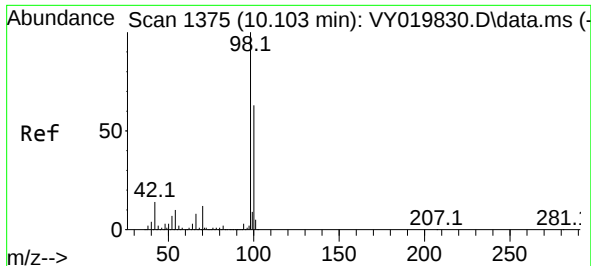
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#

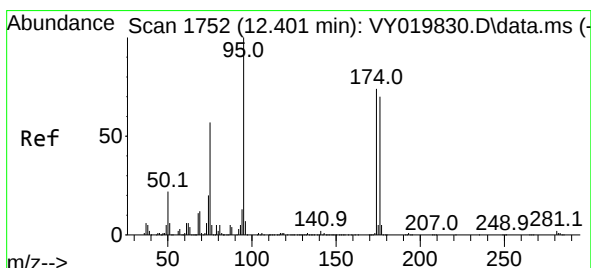
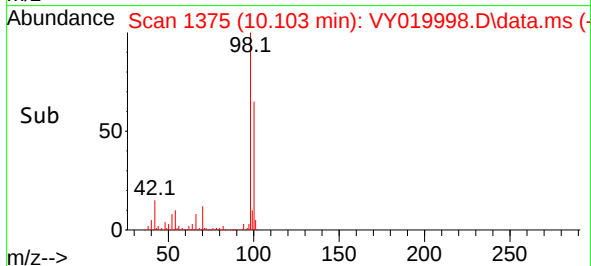
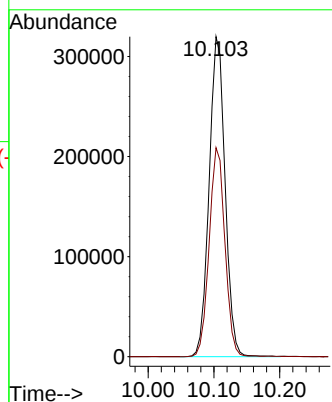
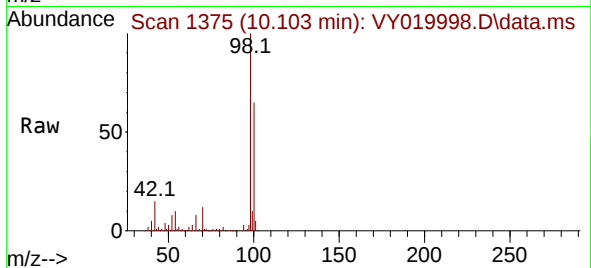




#50
Toluene-d8
Concen: 50.502 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

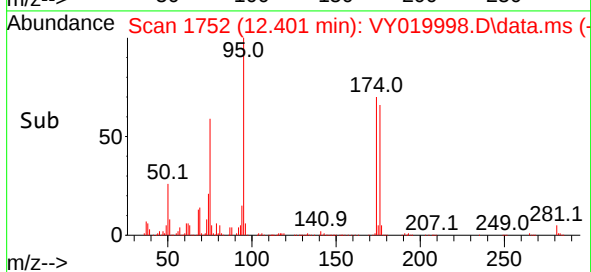
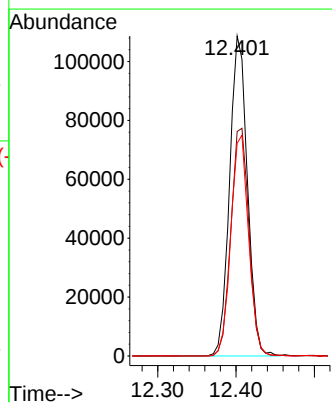
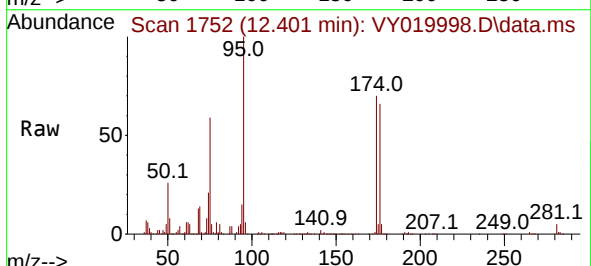
Instrument :
MSVOA_Y
ClientSampleId :

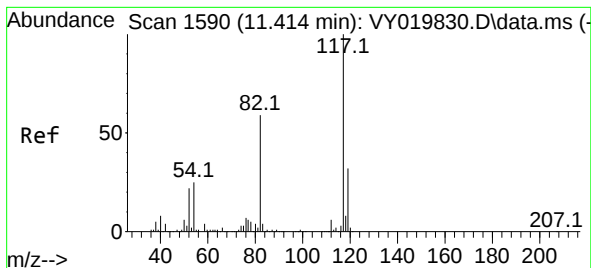
Tgt Ion: 98 Resp: 540014
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.404 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

Tgt Ion: 95 Resp: 171561
Ion Ratio Lower Upper
95 100
174 72.1 0.0 175.6
176 68.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

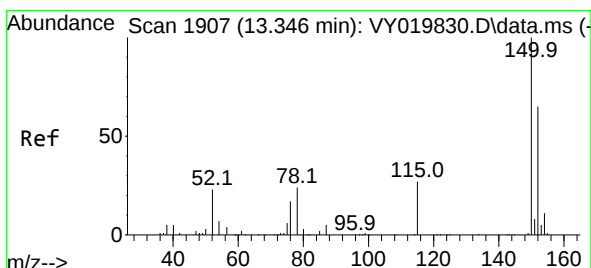
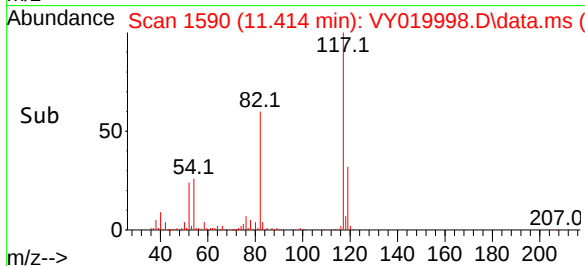
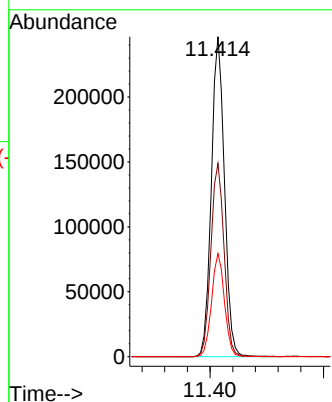
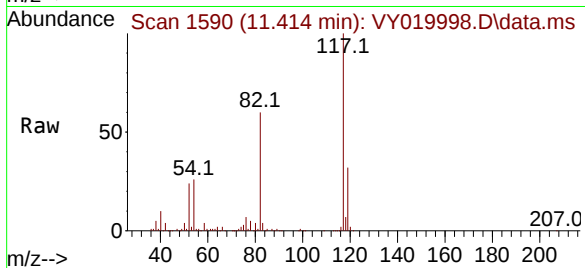
Tgt Ion:117 Resp: 394831

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

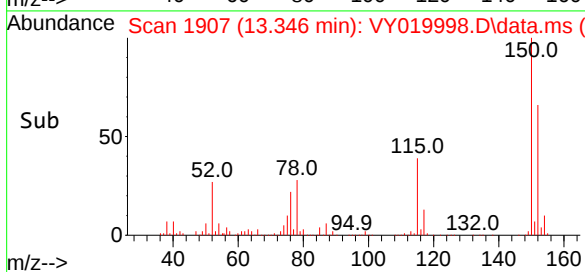
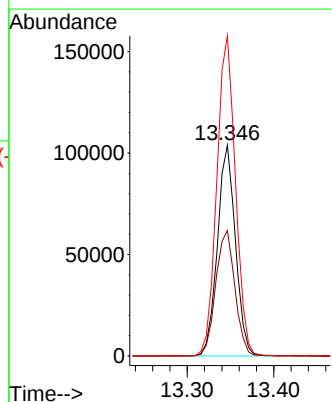
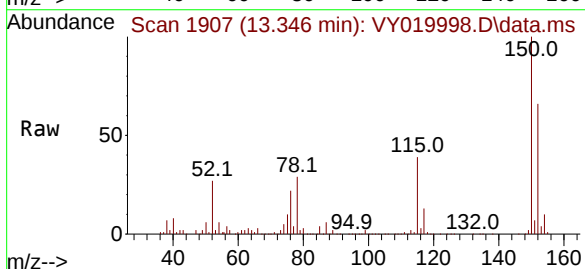
Tgt Ion:152 Resp: 150146

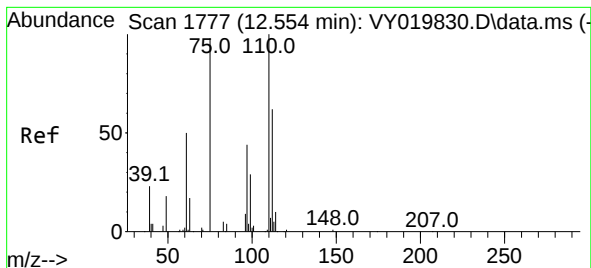
Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 156.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 33.701 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

Instrument :

MSVOA_Y

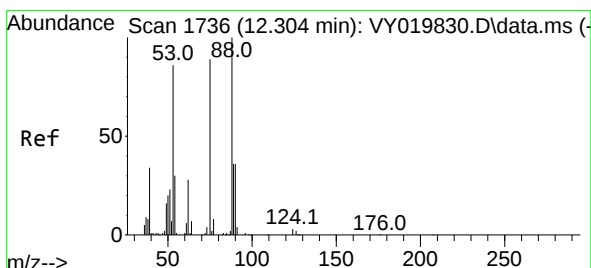
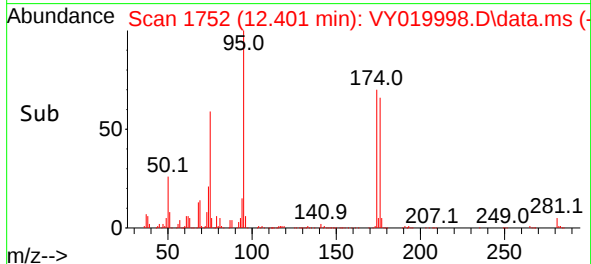
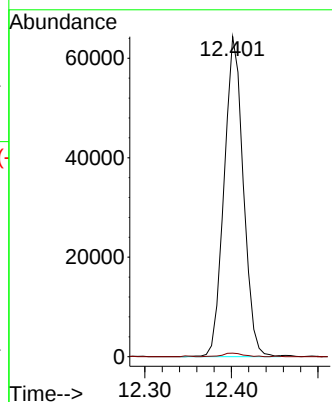
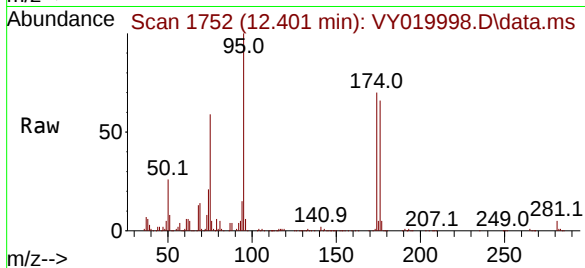
ClientSampleId :

Tgt Ion: 75 Resp: 99127

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.031 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019998.D

Acq: 23 Oct 2024 16:43

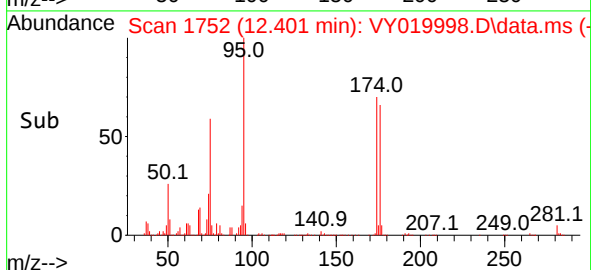
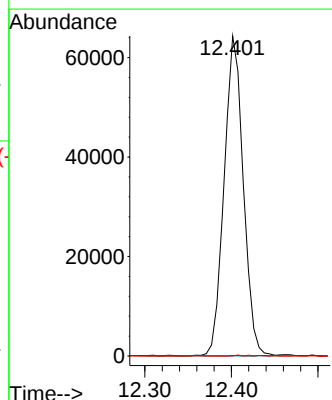
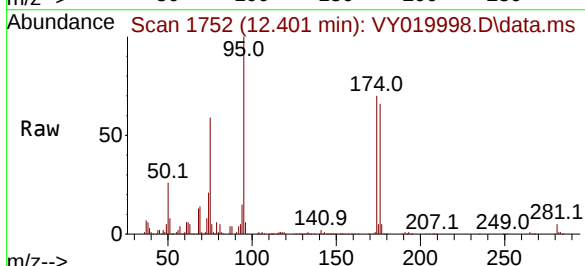
Tgt Ion: 75 Resp: 99127

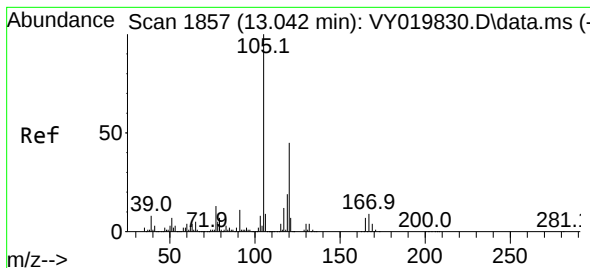
Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.2 35.8 53.6#

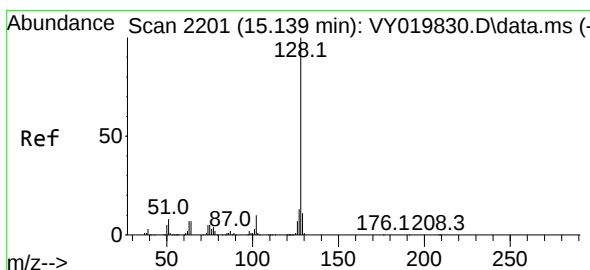
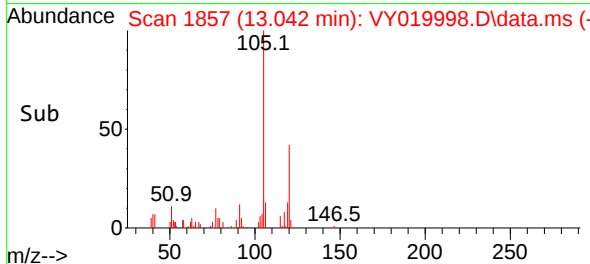
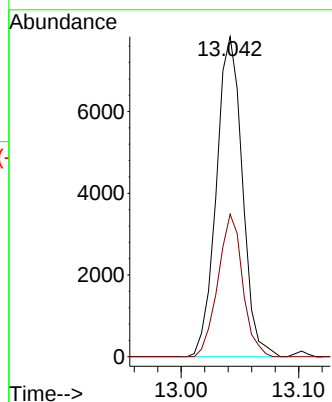
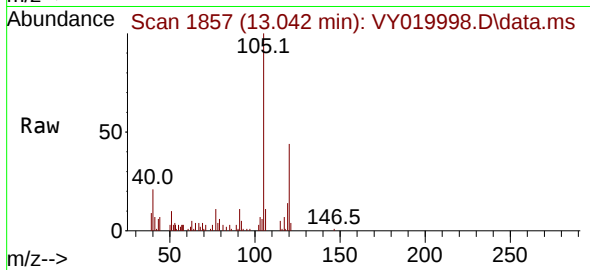




#84
1,2,4-Trimethylbenzene
Concen: 1.192 ug/l
RT: 13.042 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 12058
Ion Ratio Lower Upper
105 100
120 42.2 23.2 69.6



#95
Naphthalene
Concen: 1.057 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

Tgt Ion:128 Resp: 5317
Ion Ratio Lower Upper
128 100
127 19.7 10.6 16.0#
129 15.5 8.6 13.0#

