

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019975.D
 Acq On : 22 Oct 2024 12:49
 Operator : SY/MD
 Sample : P4460-02
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-303-TOP

Quant Time: Oct 23 01:27:49 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)

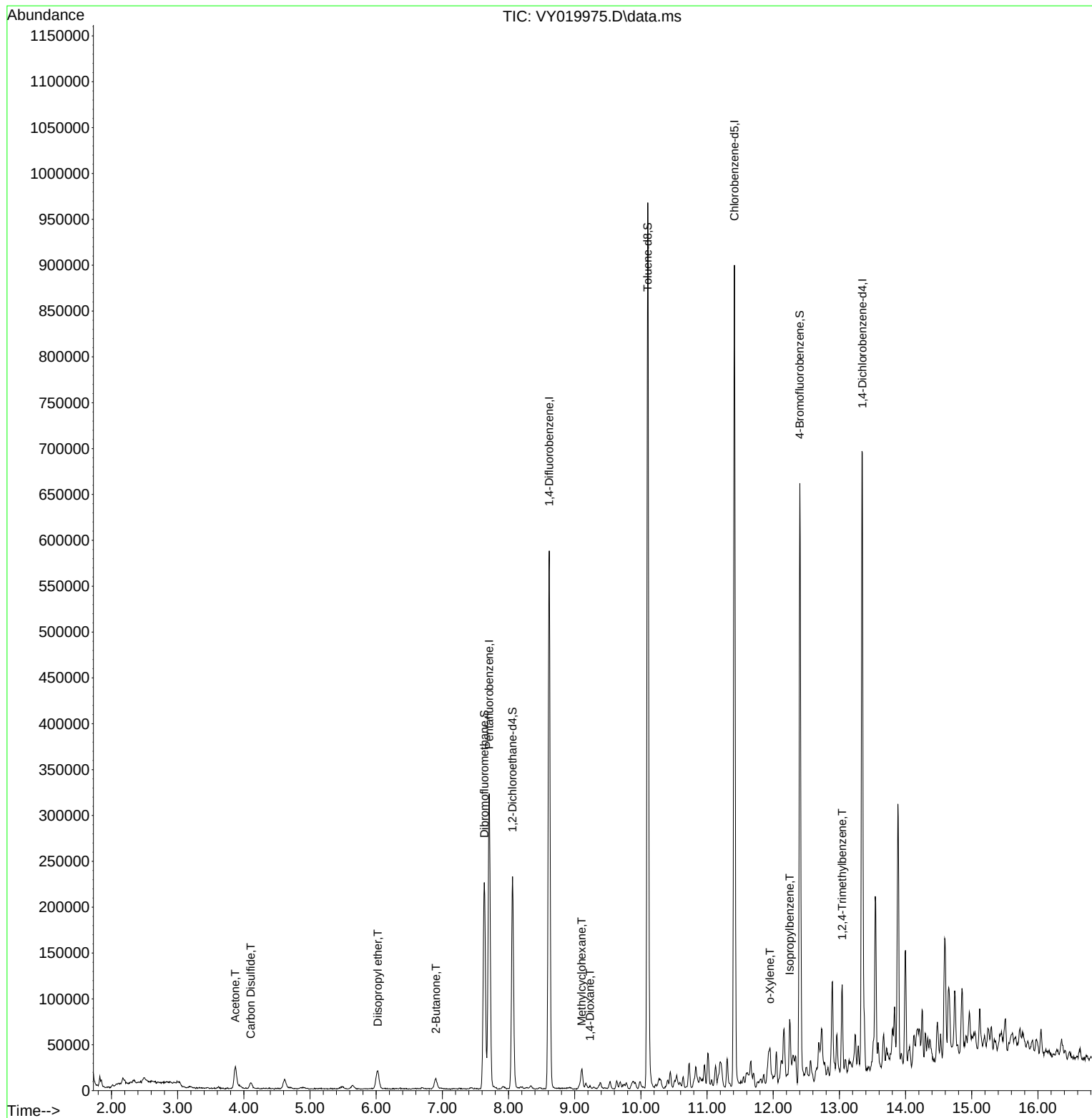
Internal Standards						
1) Pentafluorobenzene	7.707	168	221816	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	464225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	428467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175159	64.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.260%	
35) Dibromofluoromethane	7.634	113	156915	51.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.103	98	575855	50.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.401	95	182120	44.554	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	44181	62.141	ug/l	# 78
17) Carbon Disulfide	4.104	76	12686	1.989	ug/l	# 91
22) Diisopropyl ether	6.025	45	25898	2.769	ug/l	94
25) 2-Butanone	6.902	43	19720	20.722	ug/l	90
39) Methylcyclohexane	9.103	83	7705	1.386	ug/l	# 84
49) 1,4-Dioxane	9.231	88	2225	108.840	ug/l	# 86
69) o-Xylene	11.950	106	7778	1.231	ug/l	100
73) Isopropylbenzene	12.249	105	34537	2.678	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	45726	4.428	ug/l	96

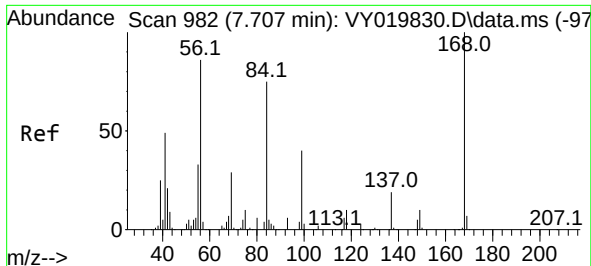
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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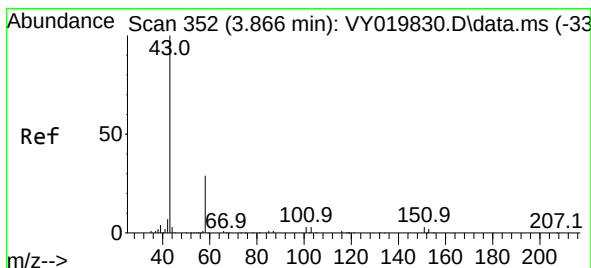
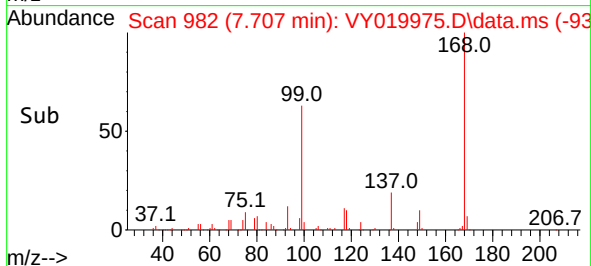
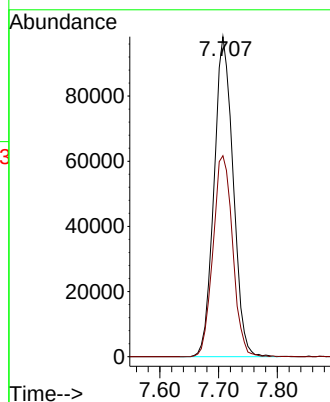
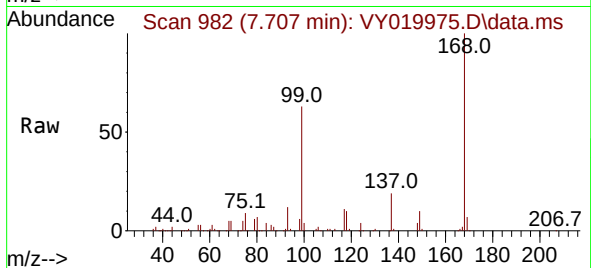




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

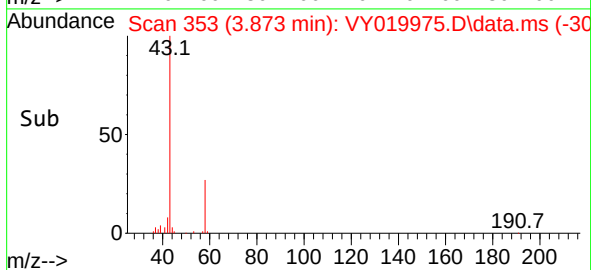
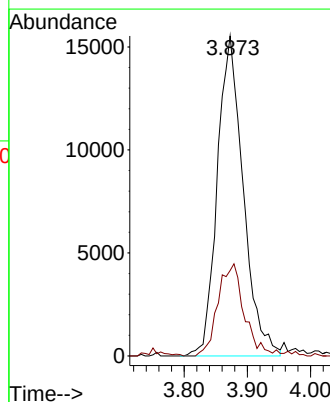
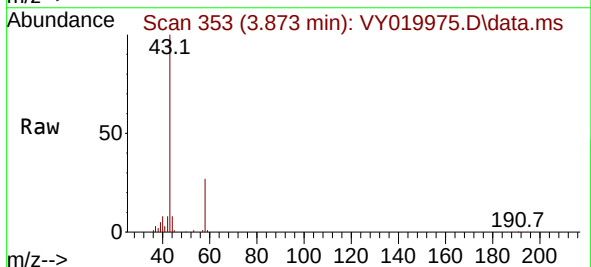
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP

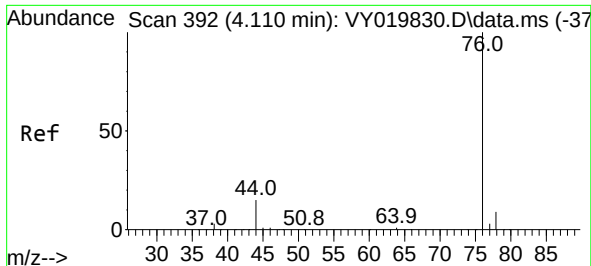
Tgt Ion:168 Resp: 221816
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#16
Acetone
Concen: 62.141 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

Tgt Ion: 43 Resp: 44181
Ion Ratio Lower Upper
43 100
58 26.3 31.7 47.5#

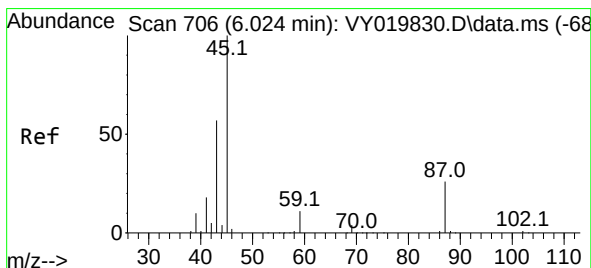
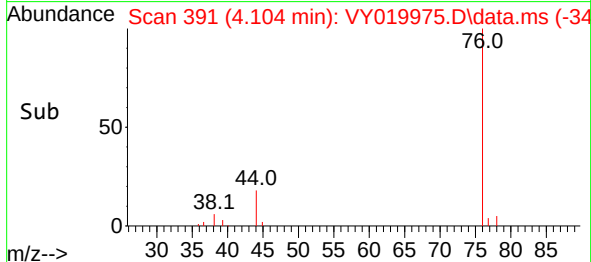
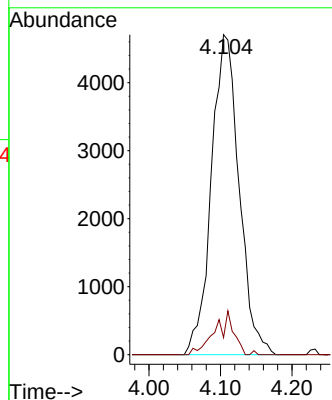
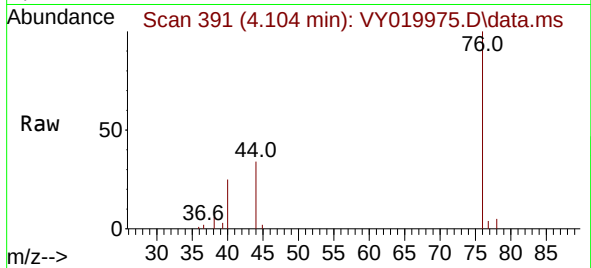




#17
Carbon Disulfide
Concen: 1.989 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

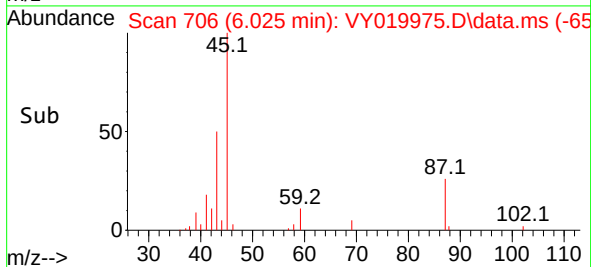
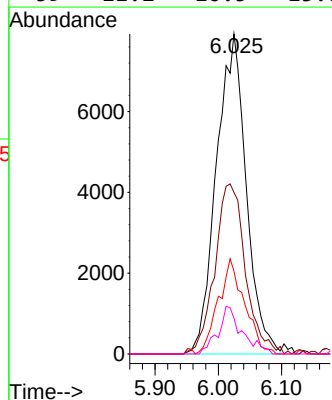
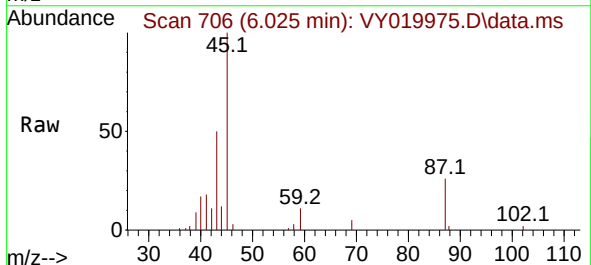
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP

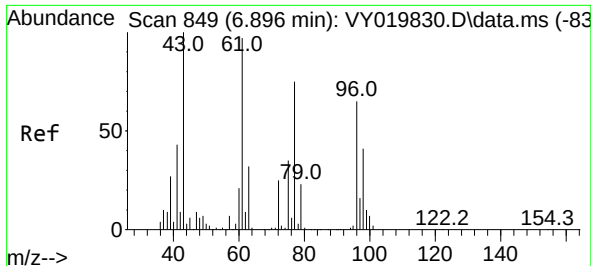
Tgt Ion: 76 Resp: 12686
Ion Ratio Lower Upper
76 100
78 5.4 6.8 10.2#



#22
Diisopropyl ether
Concen: 2.769 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

Tgt Ion: 45 Resp: 25898
Ion Ratio Lower Upper
45 100
43 50.5 42.2 63.2
87 25.9 25.0 37.6
59 11.2 10.5 15.7





#25

2-Butanone

Concen: 20.722 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY019975.D

Acq: 22 Oct 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

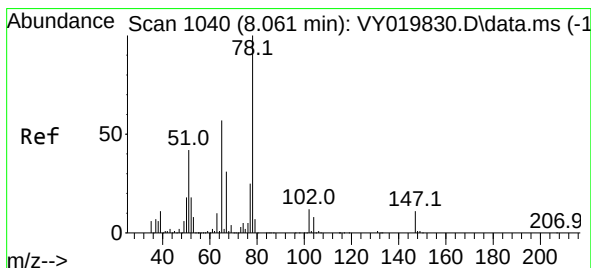
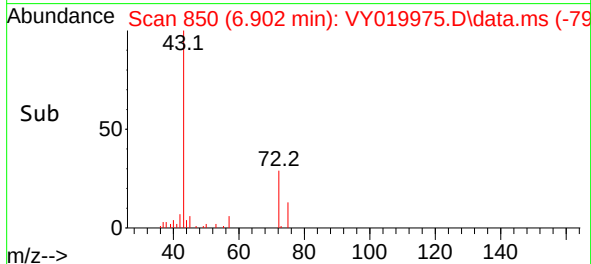
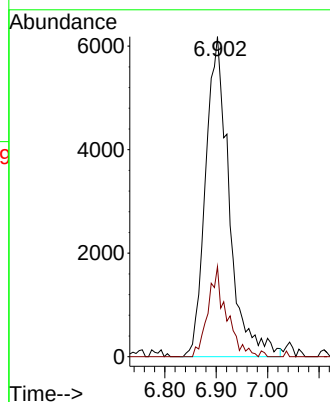
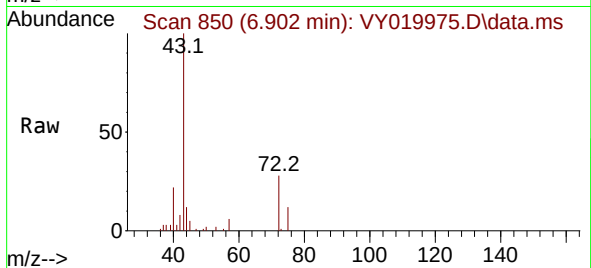
WB-303-TOP

Tgt Ion: 43 Resp: 19720

Ion Ratio Lower Upper

43 100

72 28.2 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 64.132 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019975.D

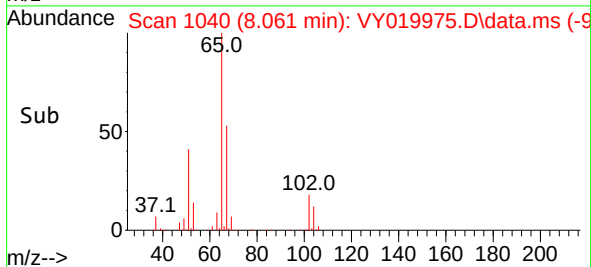
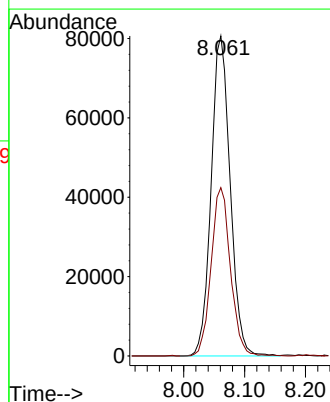
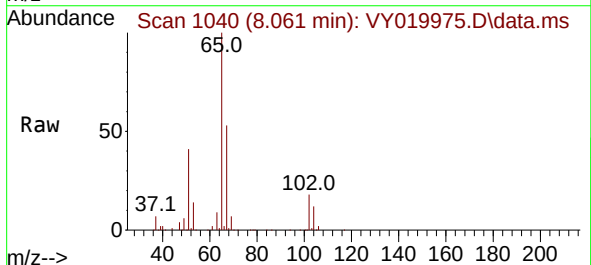
Acq: 22 Oct 2024 12:49

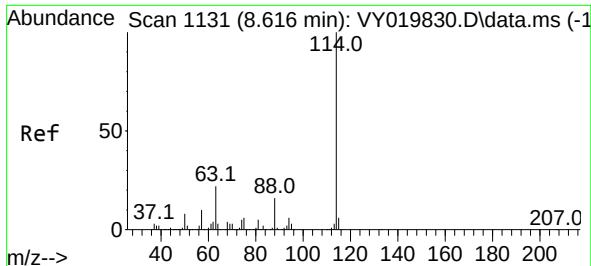
Tgt Ion: 65 Resp: 175159

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6

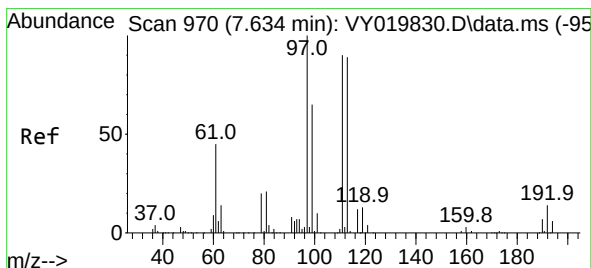
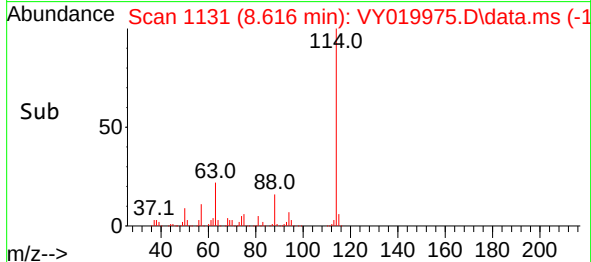
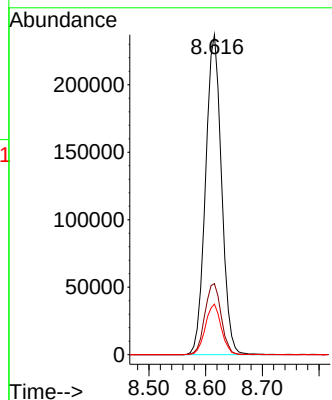
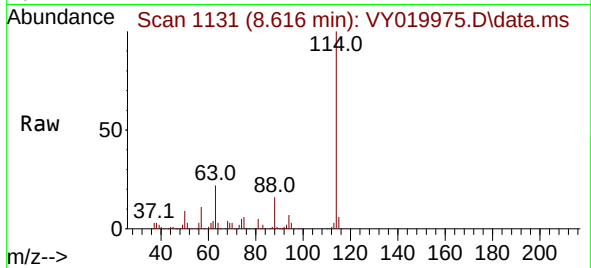




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

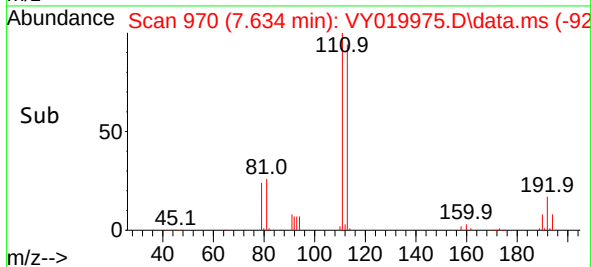
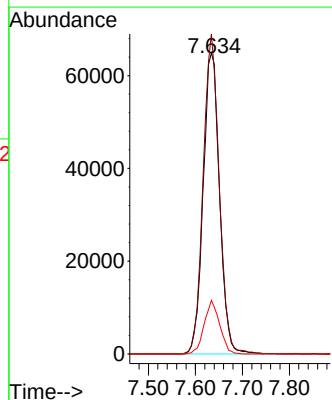
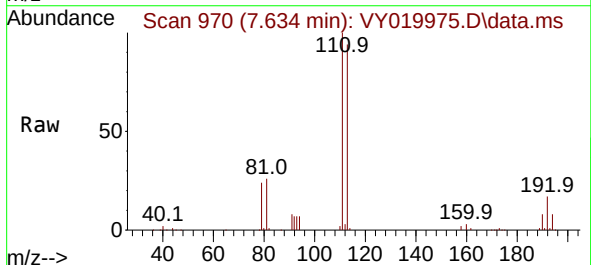
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-TOP

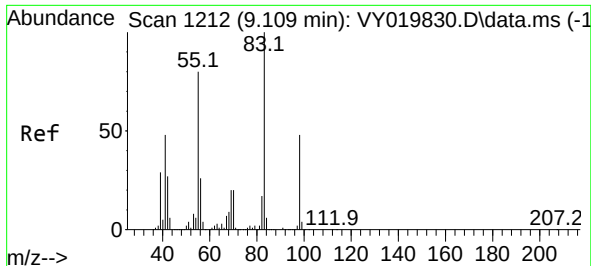
Tgt Ion:114 Resp: 464225
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.223 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

Tgt Ion:113 Resp: 156915
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.8 15.9 23.9





#39

Methylcyclohexane

Concen: 1.386 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VY019975.D

Acq: 22 Oct 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

WB-303-TOP

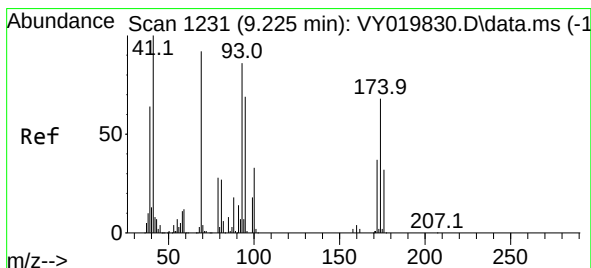
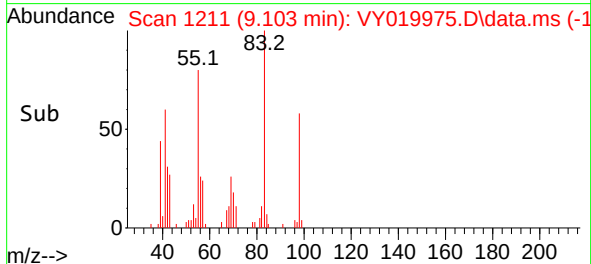
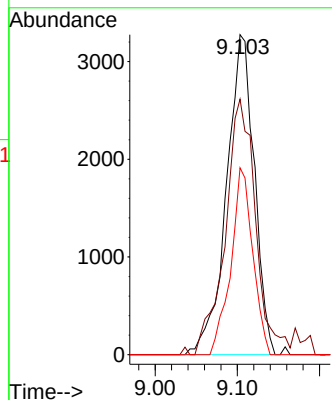
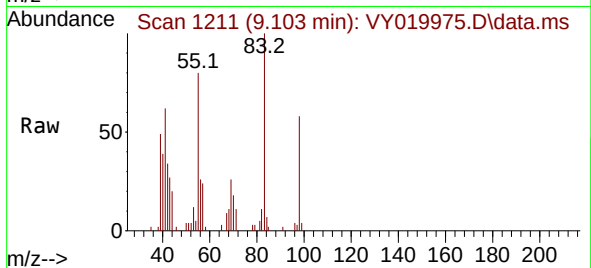
Tgt Ion: 83 Resp: 7705

Ion Ratio Lower Upper

83 100

55 79.9 51.5 77.3#

98 58.4 40.5 60.7



#49

1,4-Dioxane

Concen: 108.840 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019975.D

Acq: 22 Oct 2024 12:49

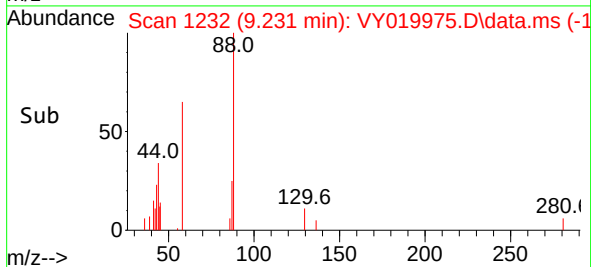
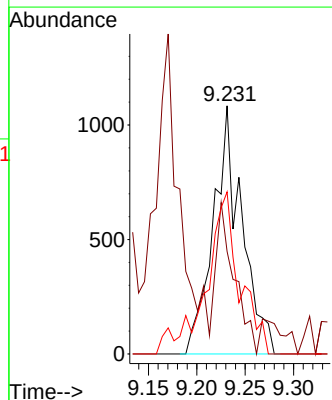
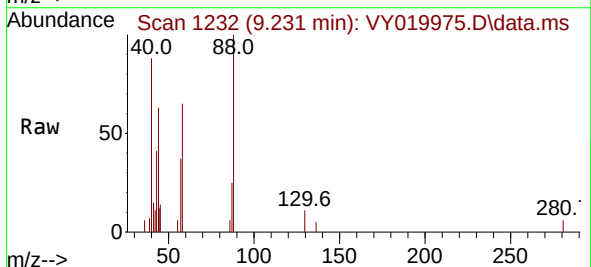
Tgt Ion: 88 Resp: 2225

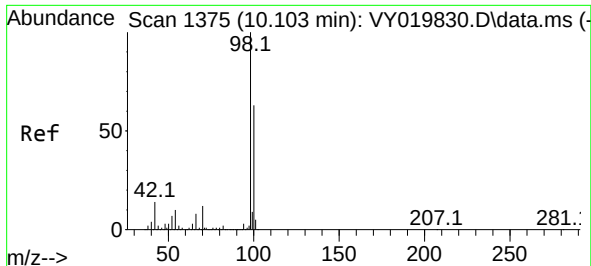
Ion Ratio Lower Upper

88 100

43 39.5 0.0 0.0#

58 72.1 49.3 73.9

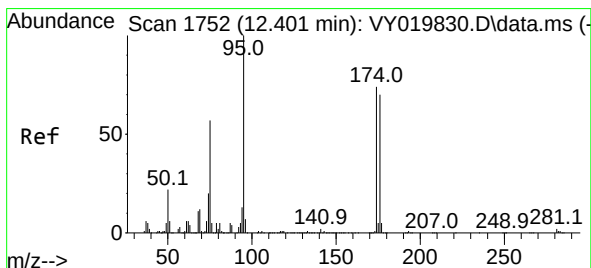
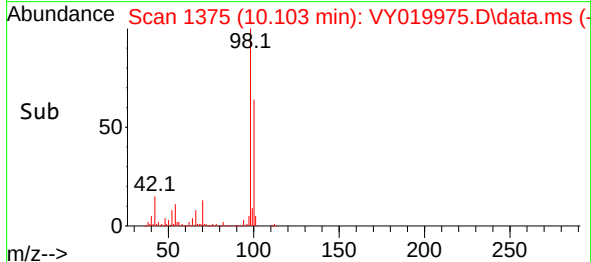
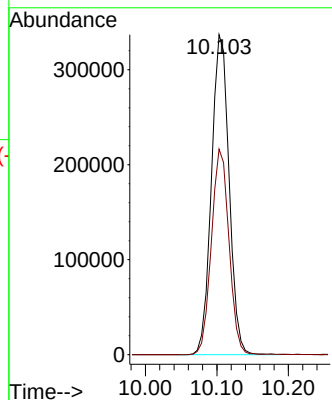
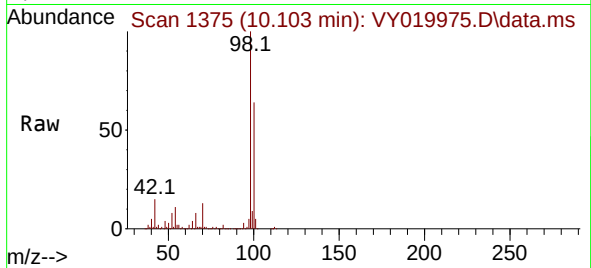




#50
Toluene-d8
Concen: 50.904 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

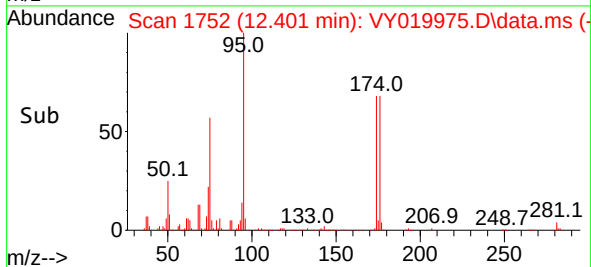
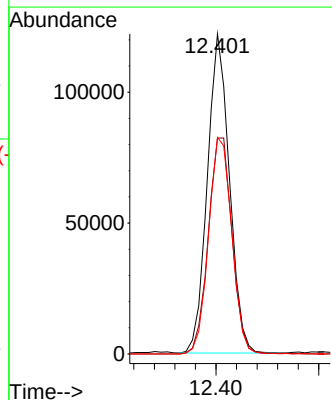
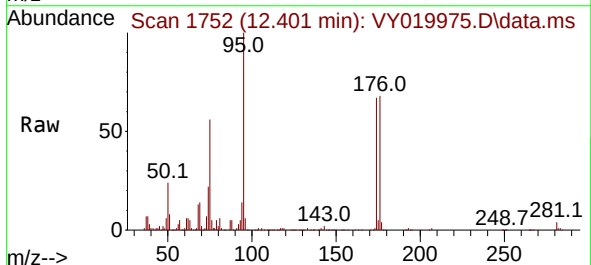
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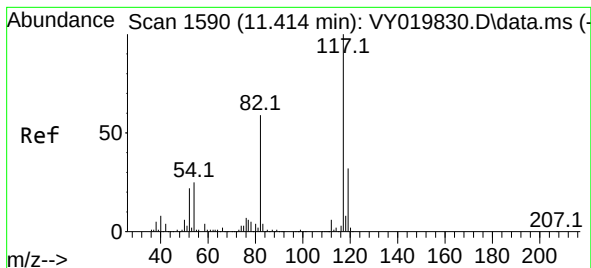
Tgt Ion: 98 Resp: 575855
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.554 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019975.D
Acq: 22 Oct 2024 12:49

Tgt Ion: 95 Resp: 182120
Ion Ratio Lower Upper
95 100
174 73.0 0.0 175.6
176 71.2 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: VY019975.D

Acq: 22 Oct 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

WB-303-TOP

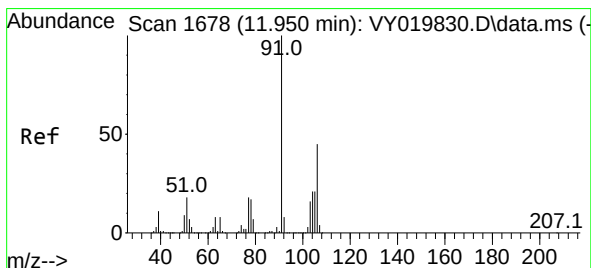
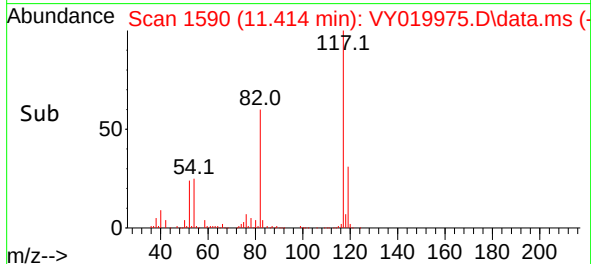
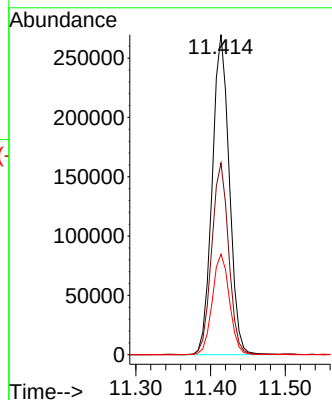
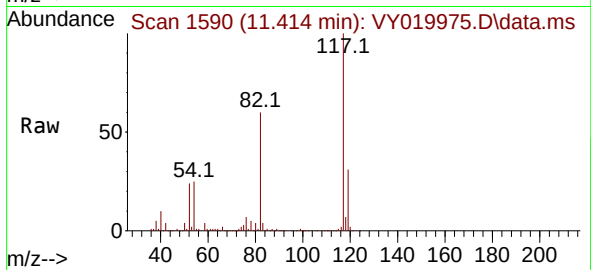
Tgt Ion:117 Resp: 428467

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.4 25.9 38.9



#69

o-Xylene

Concen: 1.231 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY019975.D

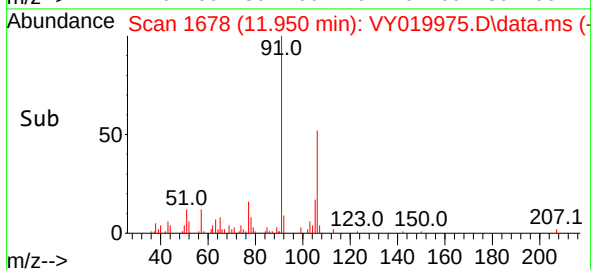
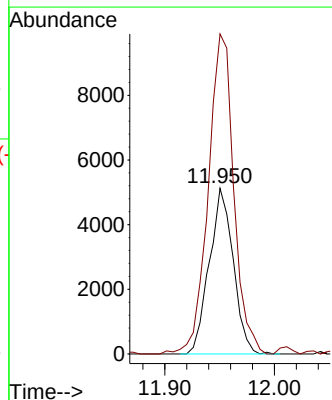
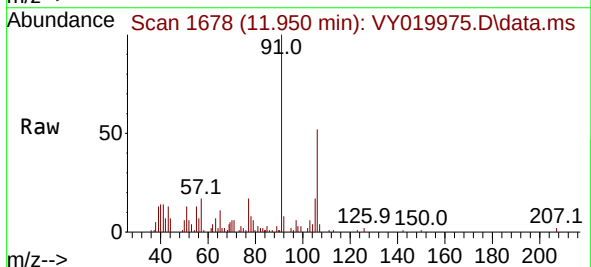
Acq: 22 Oct 2024 12:49

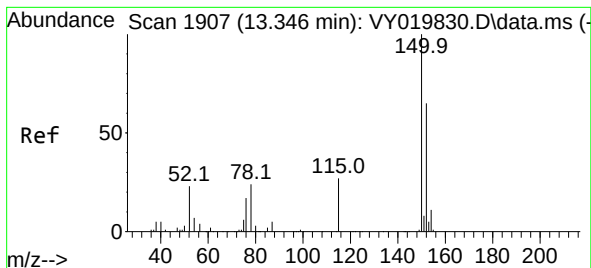
Tgt Ion:106 Resp: 7778

Ion Ratio Lower Upper

106 100

91 206.5 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019975.D

Acq: 22 Oct 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

WB-303-TOP

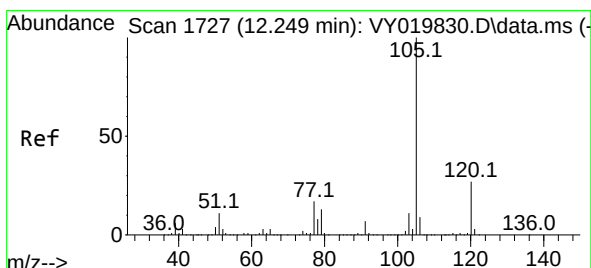
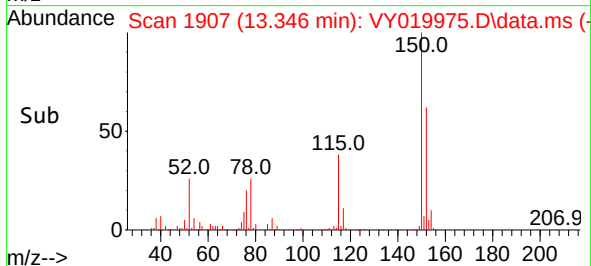
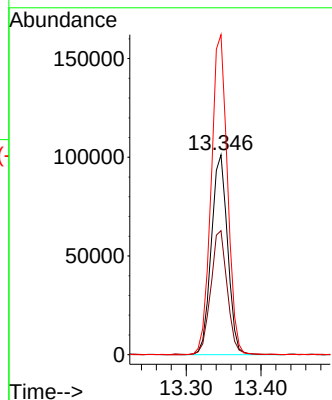
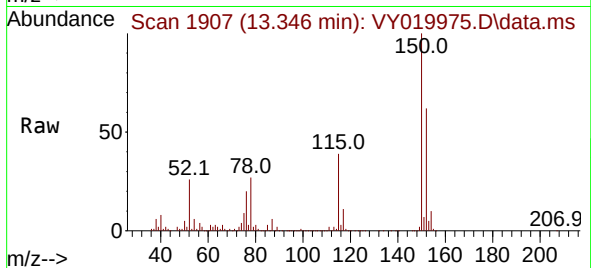
Tgt Ion:152 Resp: 153318

Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 159.9 0.0 345.6



#73

Isopropylbenzene

Concen: 2.678 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY019975.D

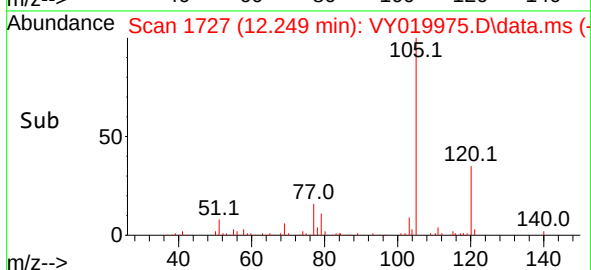
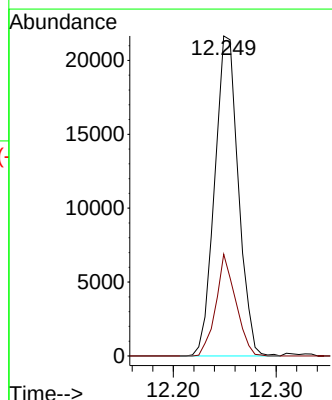
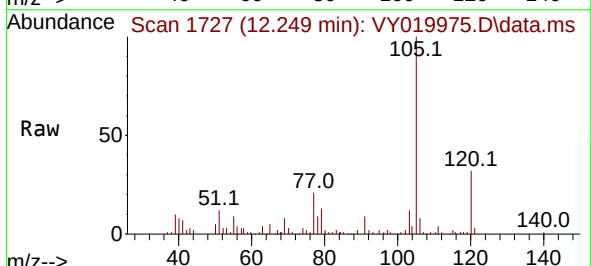
Acq: 22 Oct 2024 12:49

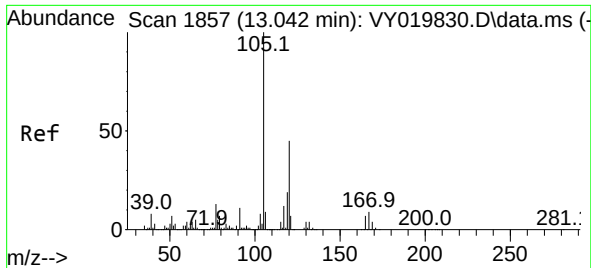
Tgt Ion:105 Resp: 34537

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1





#84
 1,2,4-Trimethylbenzene
 Concen: 4.428 ug/l
 RT: 13.042 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY019975.D
 Acq: 22 Oct 2024 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-303-TOP

Tgt Ion:105 Resp: 45726
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.2 69.6

