

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020063.D
 Acq On : 29 Oct 2024 15:59
 Operator : SY/MD
 Sample : P4578-03RE
 Misc : 7.80g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-305-TOPRE

Quant Time: Oct 30 06:36:12 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)

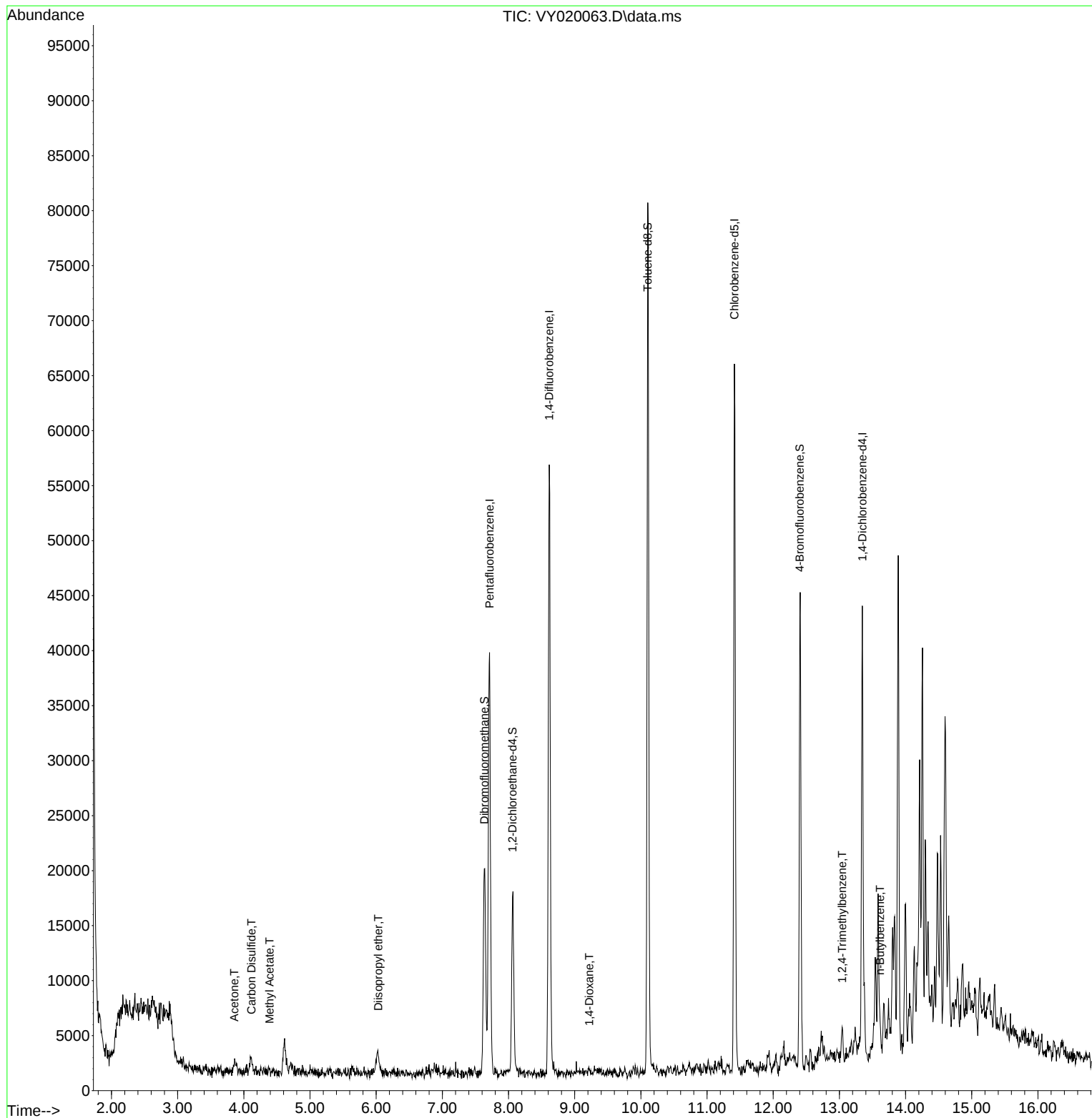
Internal Standards						
1) Pentafluorobenzene	7.713	168	25467	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	44048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	31461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	12699	40.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.000%
35) Dibromofluoromethane	7.634	113	14014	48.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.420%
50) Toluene-d8	10.103	98	50490	47.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.402	95	10871	28.029	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.060%
Target Compounds						
					Qvalue	
16) Acetone	3.854	43	1927	23.607	ug/l	# 63
17) Carbon Disulfide	4.116	76	2758	3.766	ug/l	100
18) Methyl Acetate	4.391	43	903	5.135	ug/l	# 51
22) Diisopropyl ether	6.031	45	3041	2.832	ug/l	# 64
49) 1,4-Dioxane	9.219	88	272	140.226	ug/l	# 99
84) 1,2,4-Trimethylbenzene	13.042	105	1748	3.035	ug/l	65
89) n-Butylbenzene	13.615	91	1192	1.934	ug/l	# 63

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

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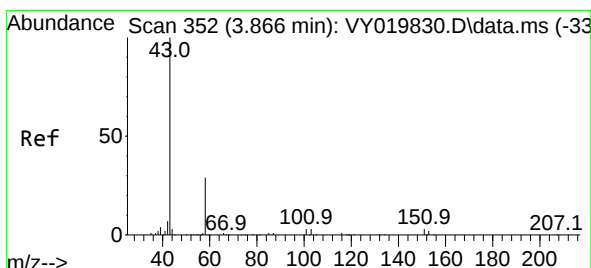
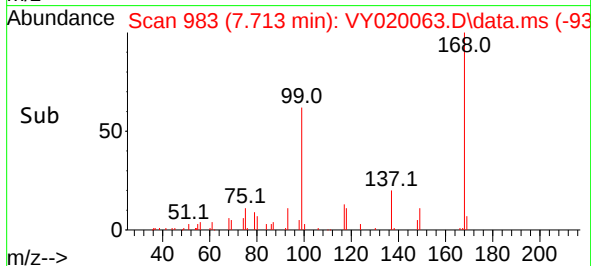
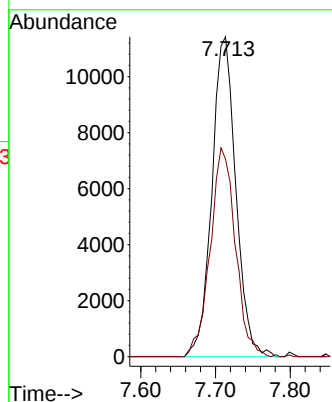
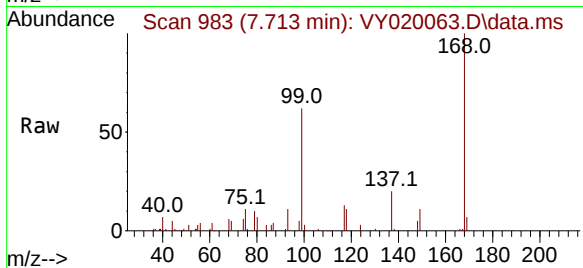




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

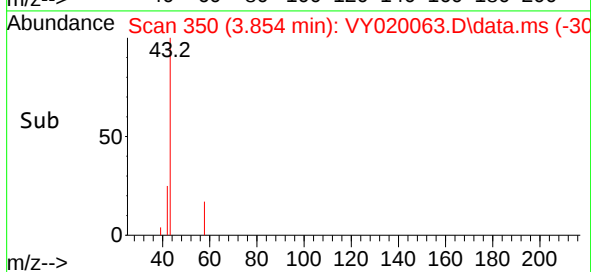
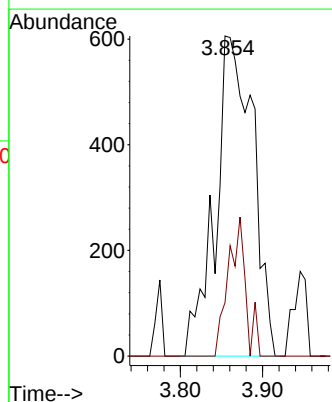
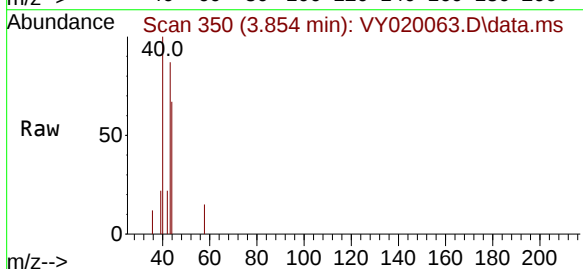
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-TOPRE

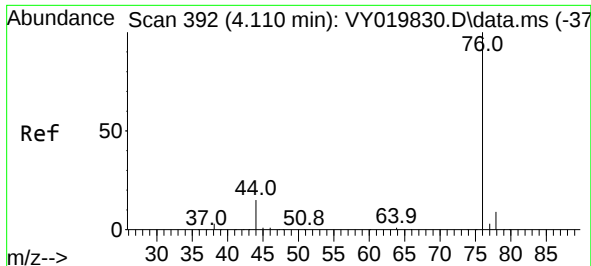
Tgt Ion:168 Resp: 25467
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#16
Acetone
Concen: 23.607 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
58 16.7 31.7 47.5#

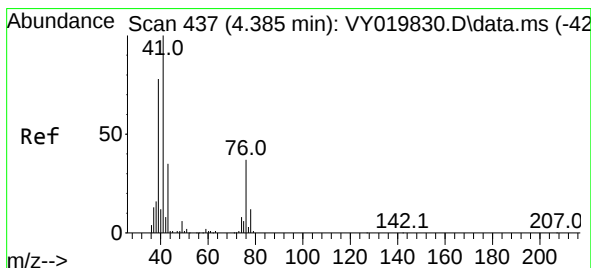
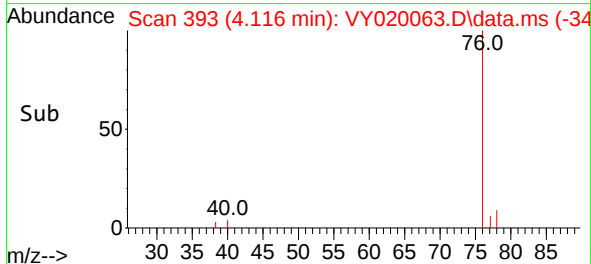
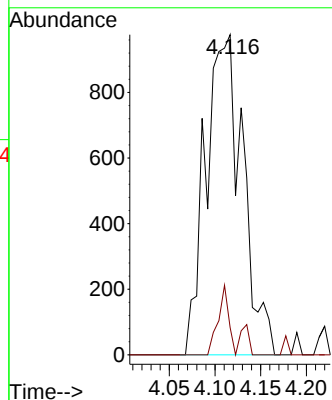
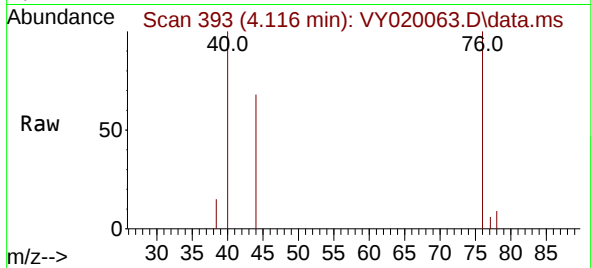




#17
Carbon Disulfide
Concen: 3.766 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.013 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

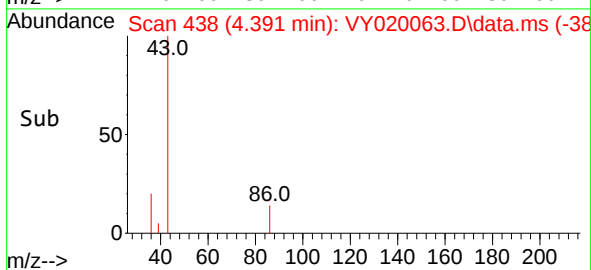
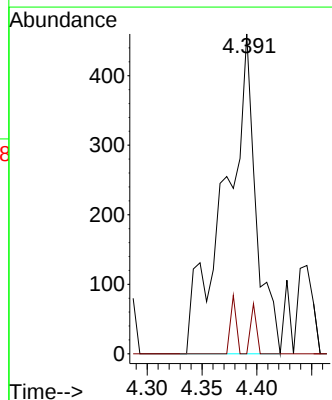
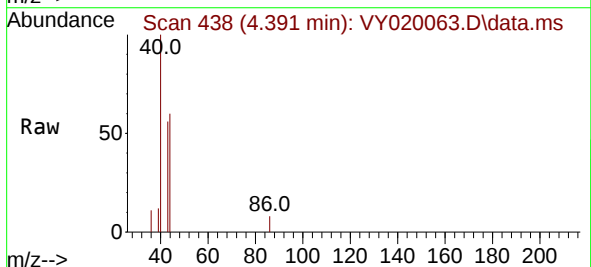
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-TOPRE

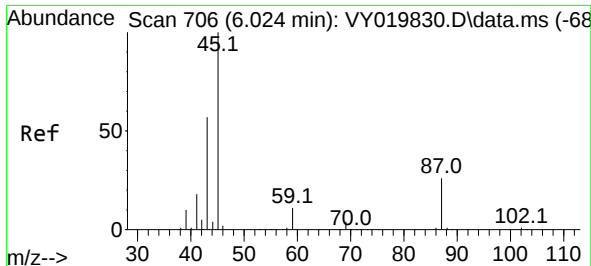
Tgt Ion: 76 Resp: 2758
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 5.135 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
74 2.9 23.3 34.9#

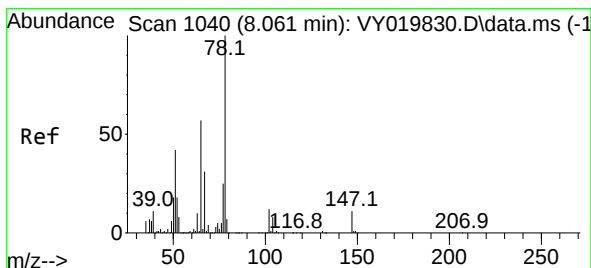
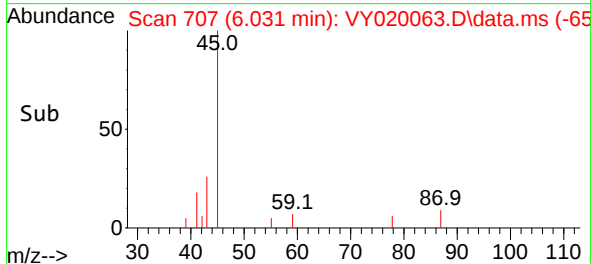
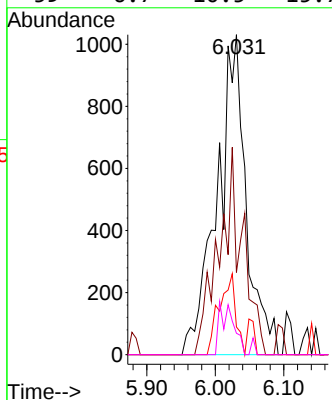
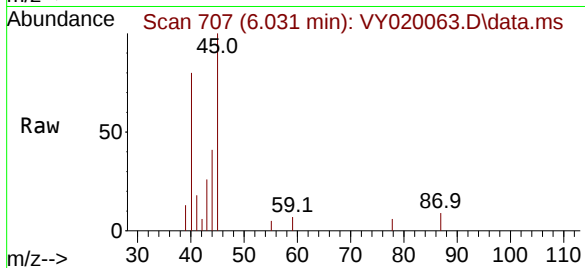




#22
Diisopropyl ether
Concen: 2.832 ug/l
RT: 6.031 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

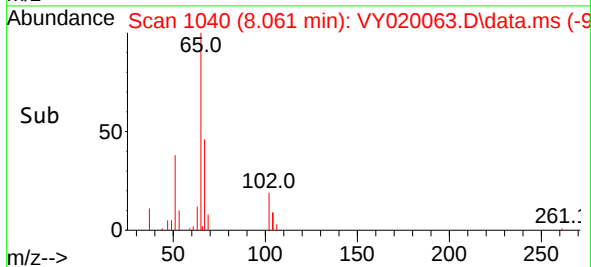
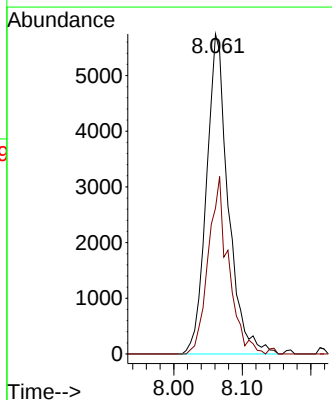
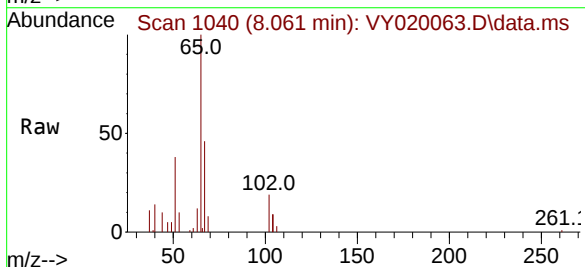
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-TOPRE

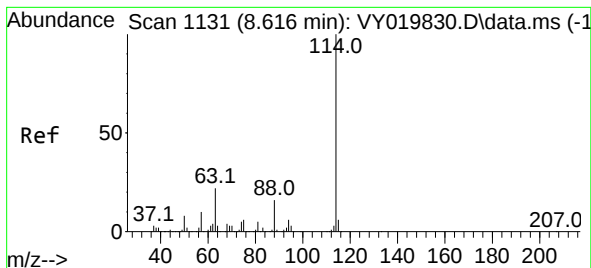
Tgt Ion:	45	Resp:	3041
Ion	Ratio	Lower	Upper
45	100		
43	25.7	42.2	63.2#
87	8.6	25.0	37.6#
59	6.7	10.5	15.7#



#33
1,2-Dichloroethane-d4
Concen: 40.498 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

Tgt Ion:	65	Resp:	12699
Ion	Ratio	Lower	Upper
65	100		
67	51.5	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: VY020063.D

Acq: 29 Oct 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WB-305-TOPRE

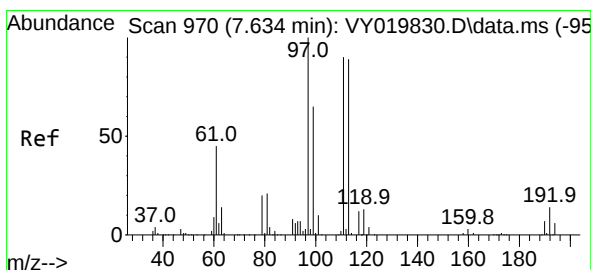
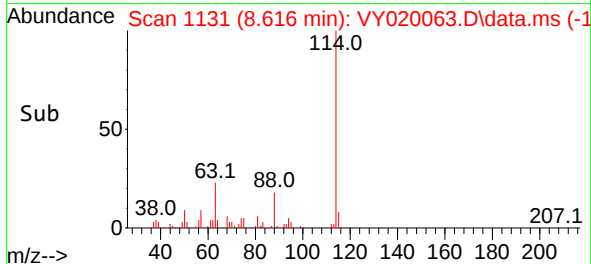
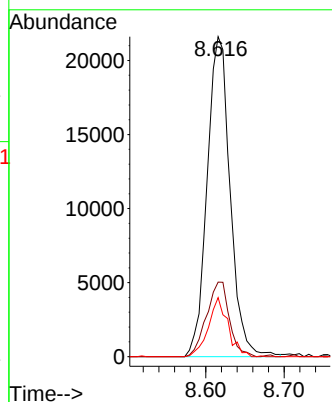
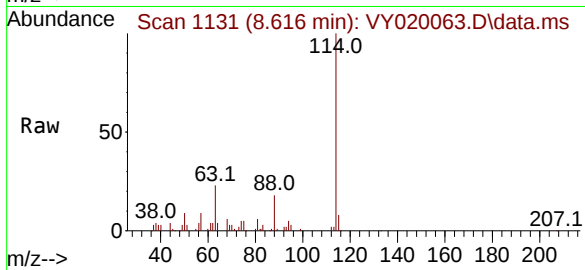
Tgt Ion:114 Resp: 44048

Ion Ratio Lower Upper

114 100

63 23.3 0.0 35.0

88 18.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.213 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020063.D

Acq: 29 Oct 2024 15:59

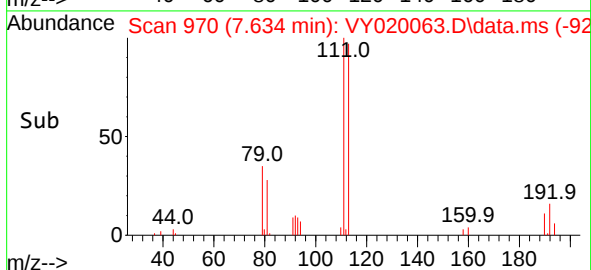
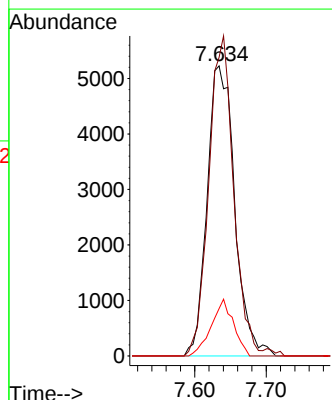
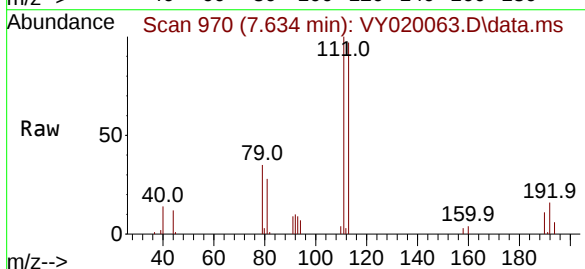
Tgt Ion:113 Resp: 14014

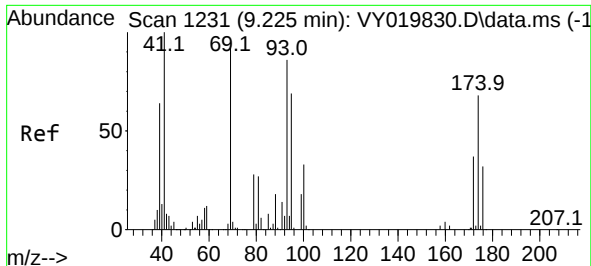
Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.4

192 15.8 15.9 23.9#





#49

1,4-Dioxane

Concen: 140.226 ug/l

RT: 9.219 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020063.D

Acq: 29 Oct 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WB-305-TOPRE

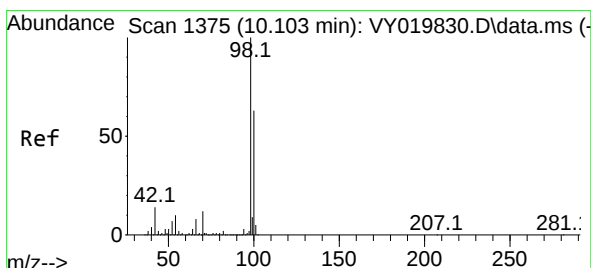
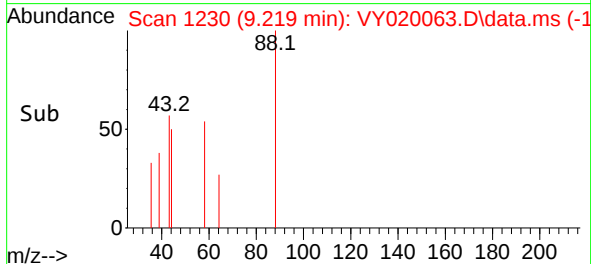
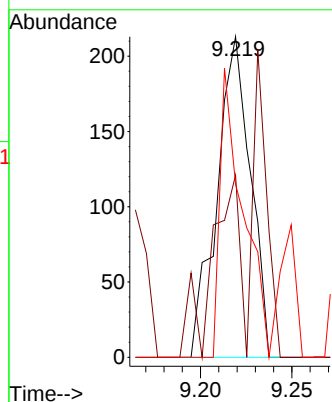
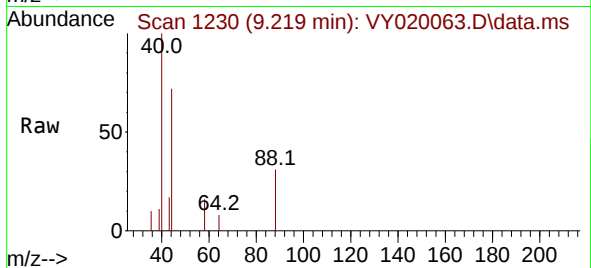
Tgt Ion: 88 Resp: 272

Ion Ratio Lower Upper

88 100

43 47.8 0.0 0.0#

58 62.1 49.3 73.9



#50

Toluene-d8

Concen: 47.038 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020063.D

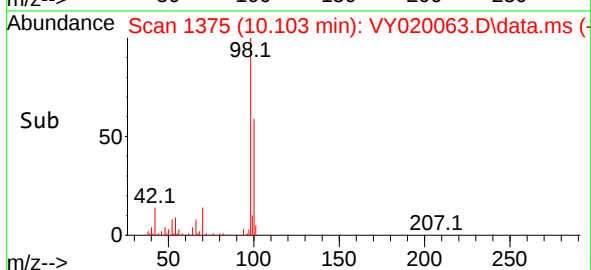
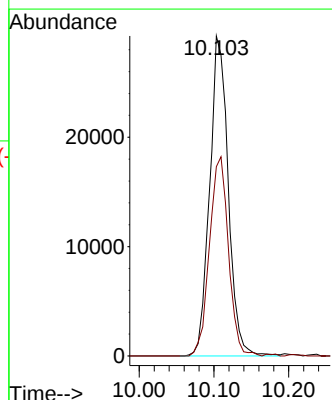
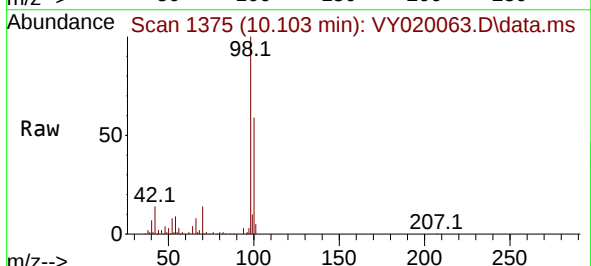
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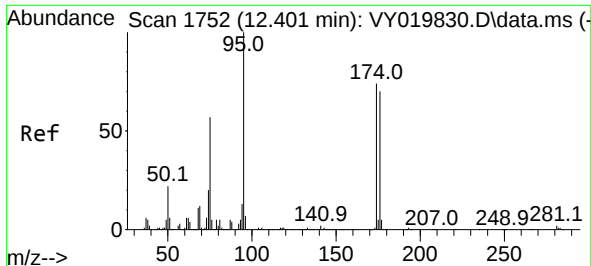
Tgt Ion: 98 Resp: 50490

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

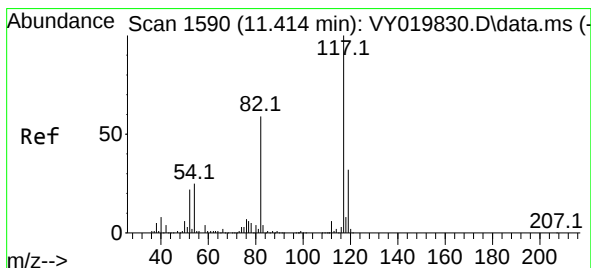
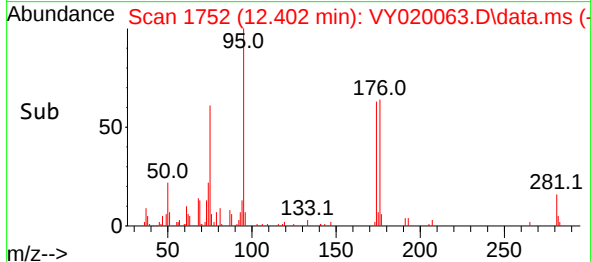
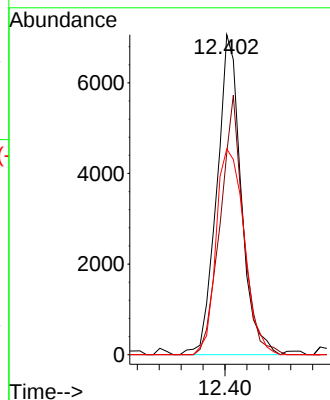
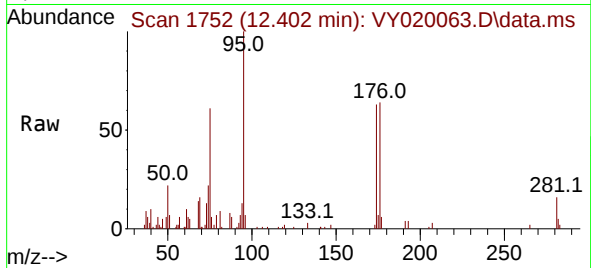




#62
4-Bromofluorobenzene
Concen: 28.029 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

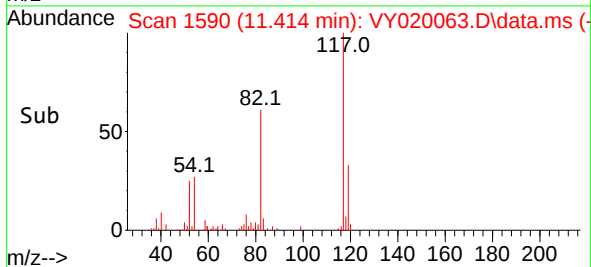
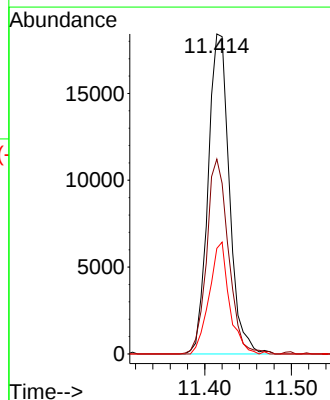
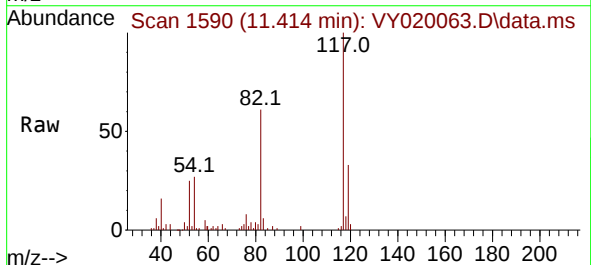
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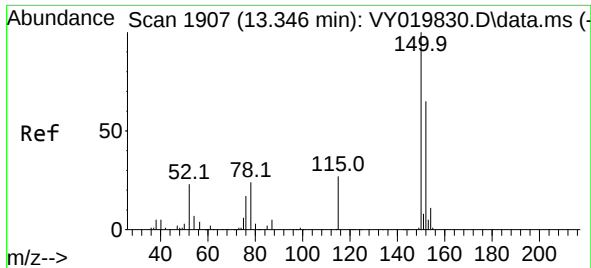
Tgt Ion: 95 Resp: 10871
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 74.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020063.D
Acq: 29 Oct 2024 15:59

Tgt Ion: 117 Resp: 31461
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 33.0 25.9 38.9

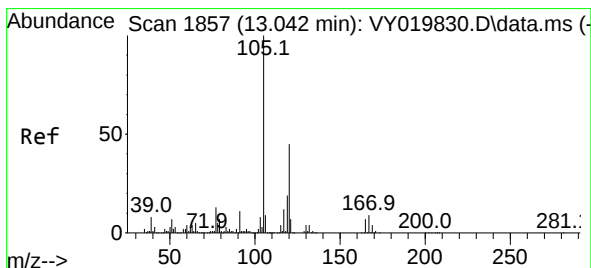
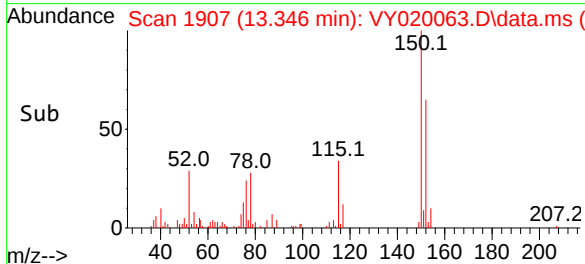
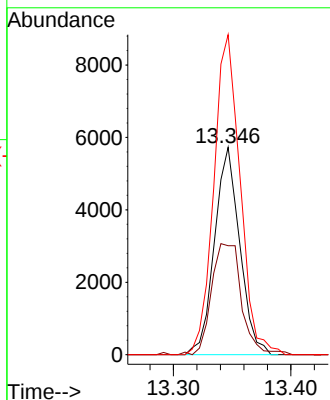
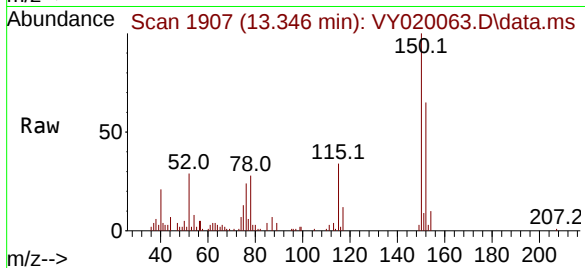




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020063.D
 Acq: 29 Oct 2024 15:59

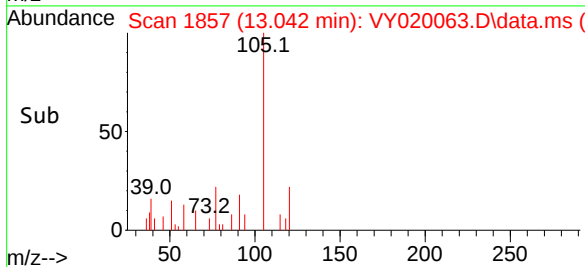
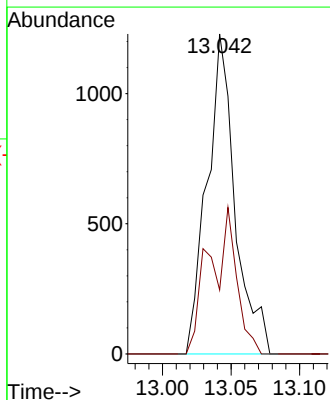
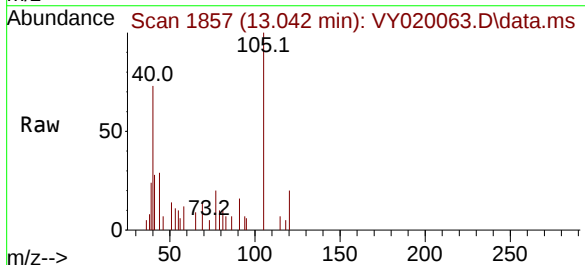
Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-305-TOPRE

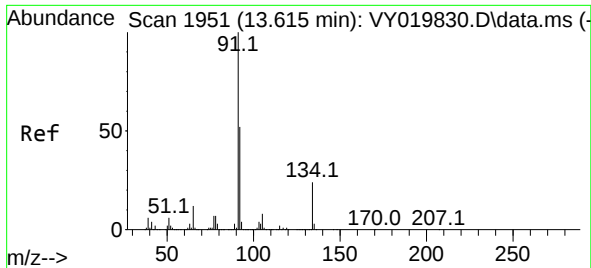
Tgt Ion:152 Resp: 8551
 Ion Ratio Lower Upper
 152 100
 115 63.8 28.2 84.7
 150 161.0 0.0 345.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.035 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY020063.D
 Acq: 29 Oct 2024 15:59

Tgt Ion:105 Resp: 1748
 Ion Ratio Lower Upper
 105 100
 120 23.2 23.2 69.6





#89

n-Butylbenzene

Concen: 1.934 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY020063.D

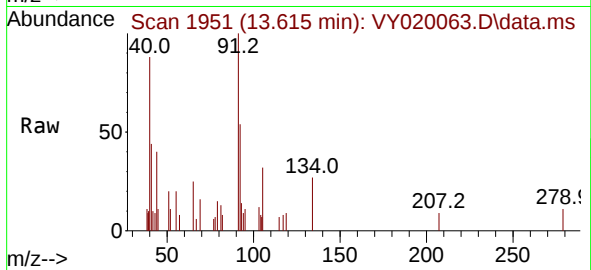
Acq: 29 Oct 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WB-305-TOPRE



Tgt Ion: 91 Resp: 1192

Ion Ratio Lower Upper

91 100

92 74.9 26.6 79.7

134 0.0 12.9 38.7#

