

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019202.D
 Acq On : 22 Aug 2024 06:09
 Operator : SY/MD
 Sample : P3671-08
 Misc : 9.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-905-J-SO-0.5-1.0-081924

Quant Time: Aug 22 07:26:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

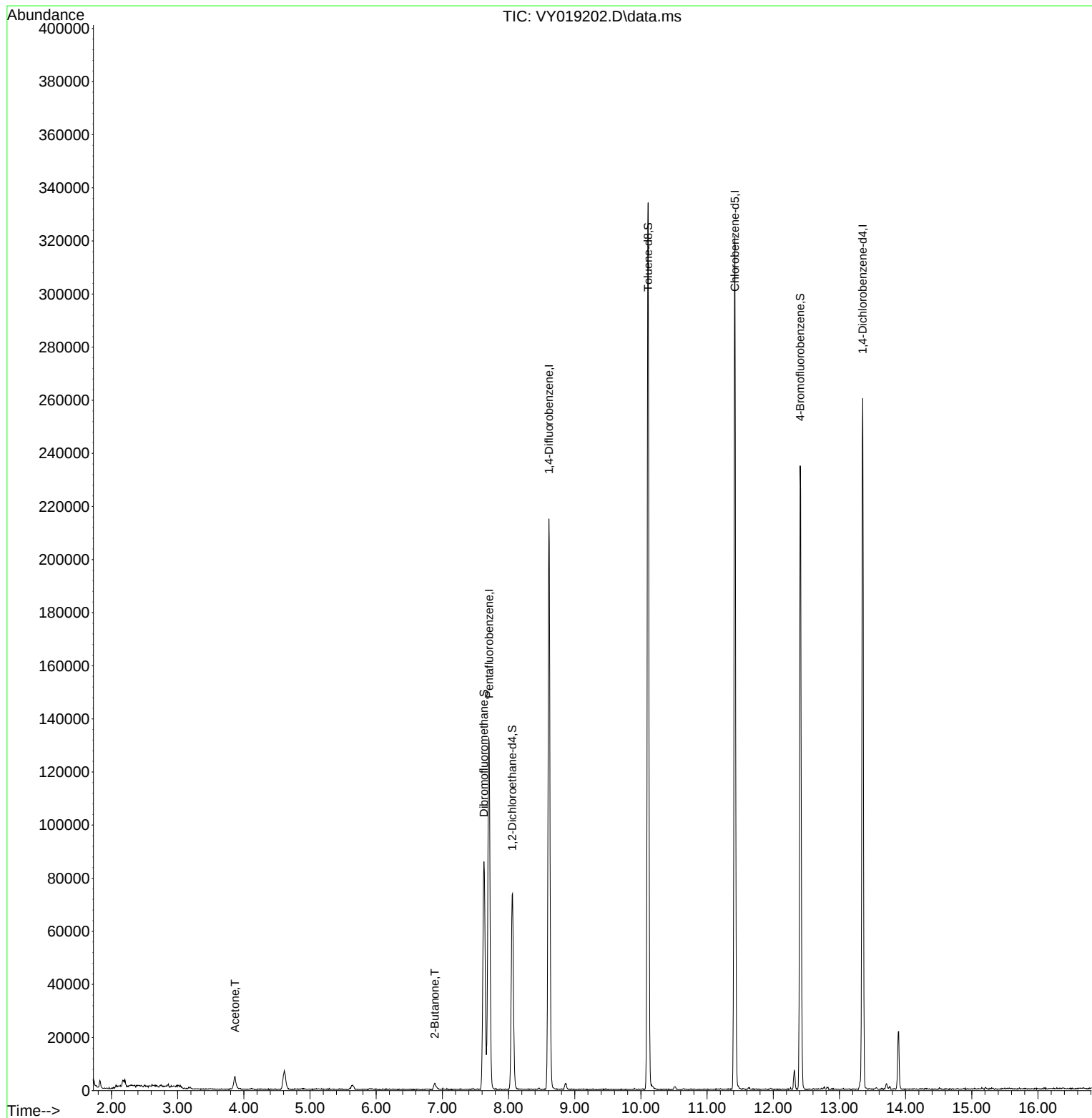
Internal Standards						
1) Pentafluorobenzene	7.707	168	105474	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.610	114	186243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	171554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	65365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	59901	56.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.300%
35) Dibromofluoromethane	7.628	113	60632	49.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.109	98	212945	48.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.408	95	67492	45.178	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.360%
Target Compounds						Qvalue
16) Acetone	3.867	43	7435	37.918	ug/l #	86
25) 2-Butanone	6.884	43	2050	6.492	ug/l #	84

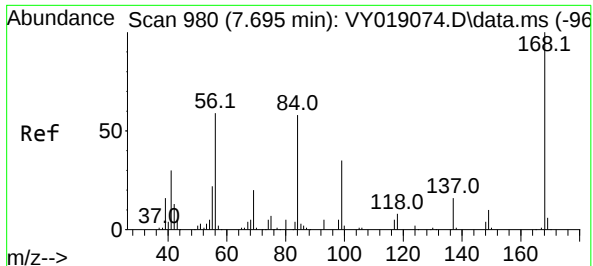
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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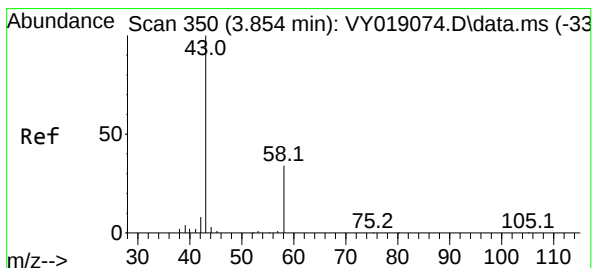
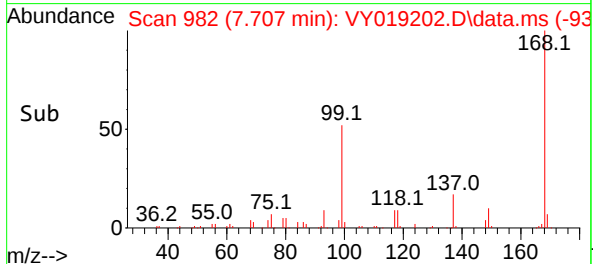
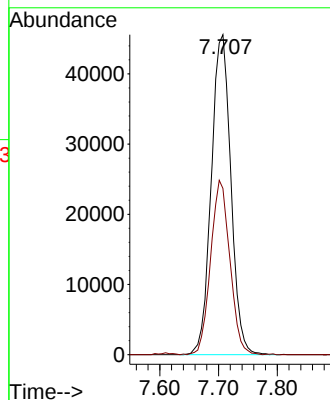
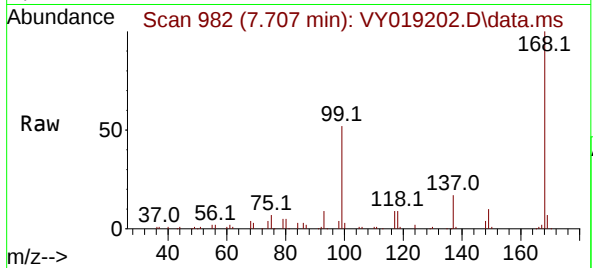




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019202.D
Acq: 22 Aug 2024 06:09

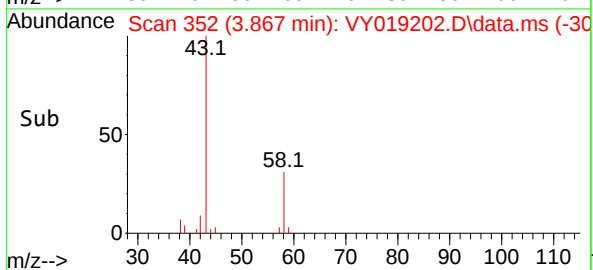
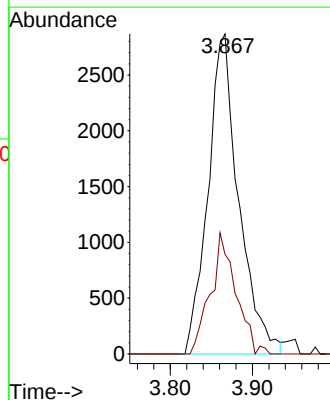
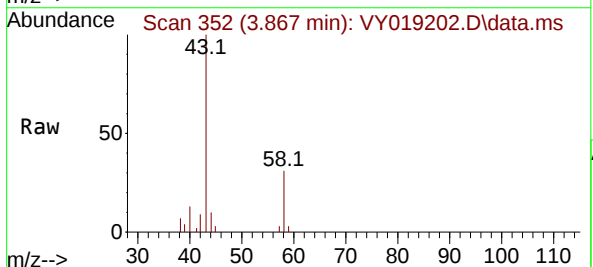
Instrument :
MSVOA_Y
ClientSampleId :
S-905-J-SO-0.5-1.0-081924

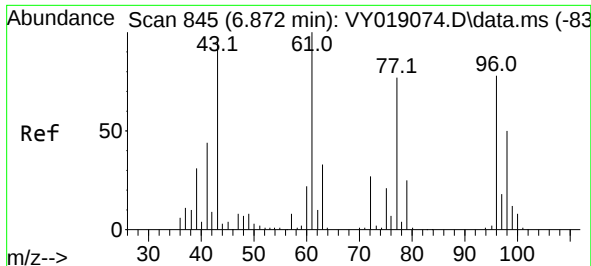
Tgt Ion:168 Resp: 105474
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#16
Acetone
Concen: 37.918 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY019202.D
Acq: 22 Aug 2024 06:09

Tgt Ion: 43 Resp: 7435
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#





#25

2-Butanone

Concen: 6.492 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.013 min

Lab File: VY019202.D

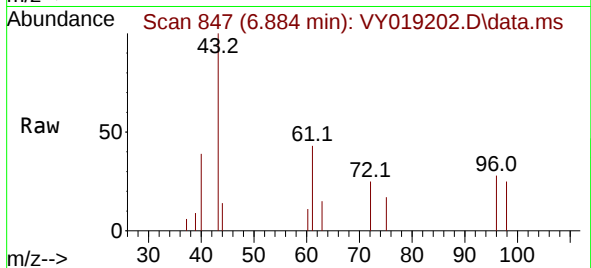
Acq: 22 Aug 2024 06:09

Instrument :

MSVOA_Y

ClientSampleId :

S-905-J-SO-0.5-1.0-081924

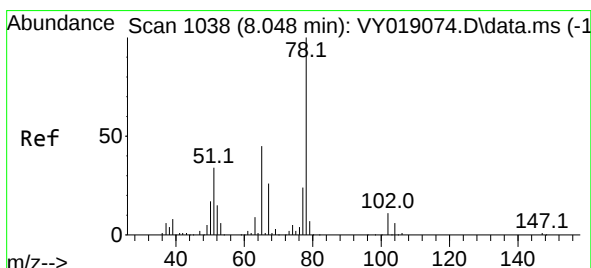
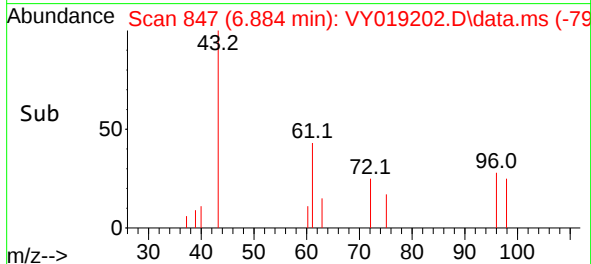
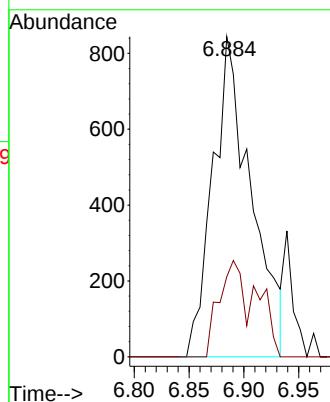


Tgt Ion: 43 Resp: 2050

Ion Ratio Lower Upper

43 100

72 25.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 56.655 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY019202.D

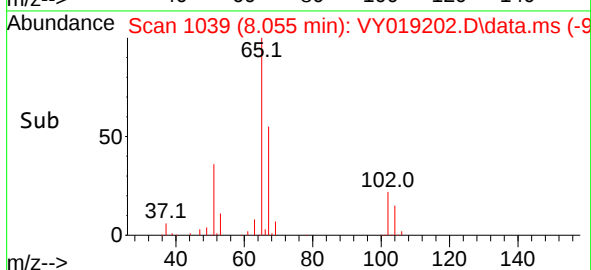
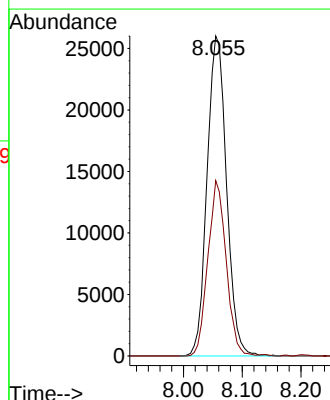
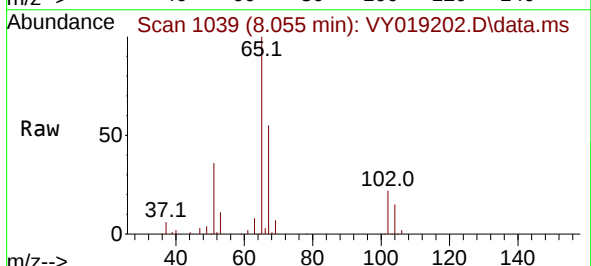
Acq: 22 Aug 2024 06:09

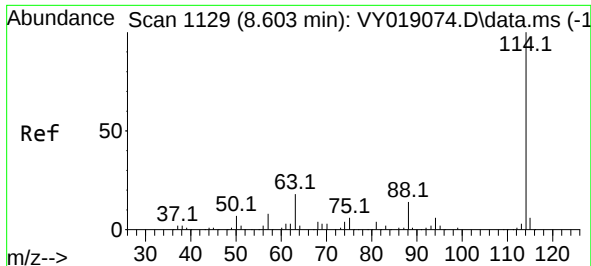
Tgt Ion: 65 Resp: 59901

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019202.D

Acq: 22 Aug 2024 06:09

Instrument :

MSVOA_Y

ClientSampleId :

S-905-J-SO-0.5-1.0-081924

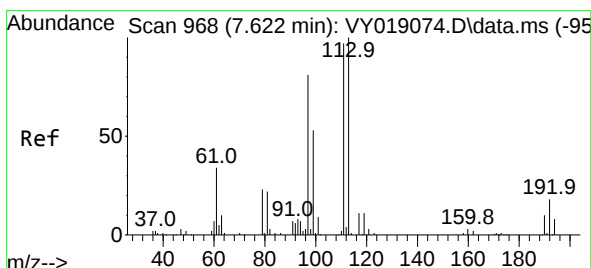
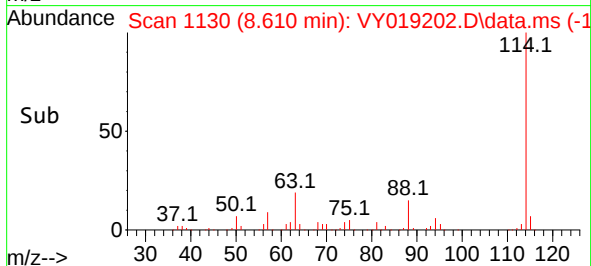
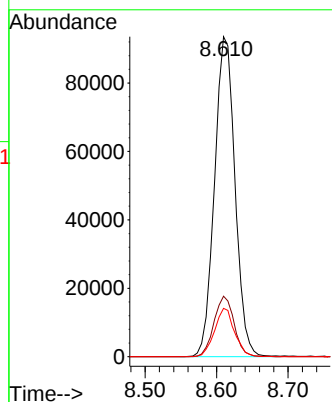
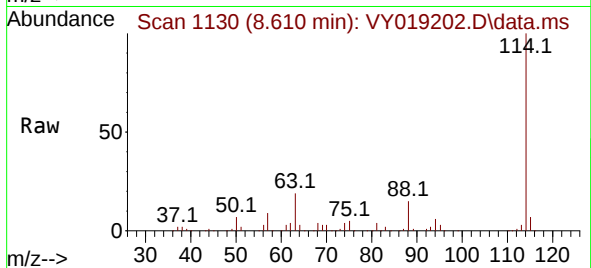
Tgt Ion:114 Resp: 186243

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.789 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019202.D

Acq: 22 Aug 2024 06:09

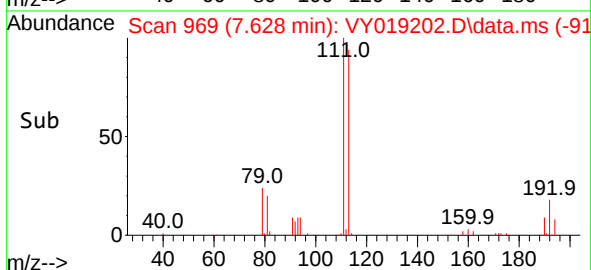
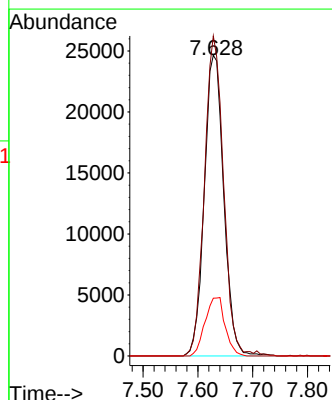
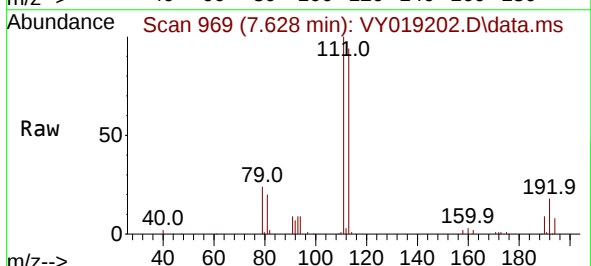
Tgt Ion:113 Resp: 60632

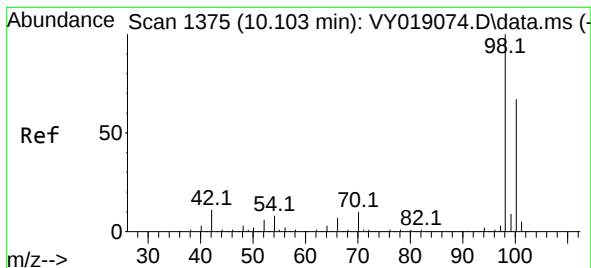
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 20.0 15.9 23.9





#50

Toluene-d8

Concen: 48.592 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019202.D

Acq: 22 Aug 2024 06:09

Instrument :

MSVOA_Y

ClientSampleId :

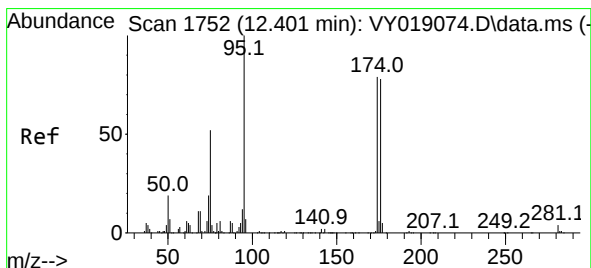
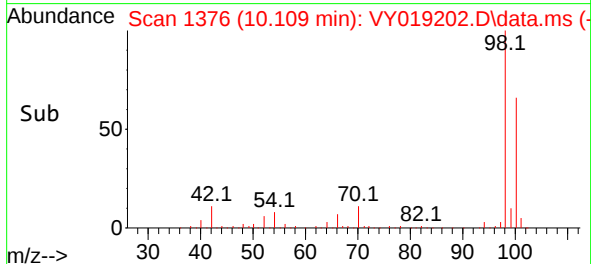
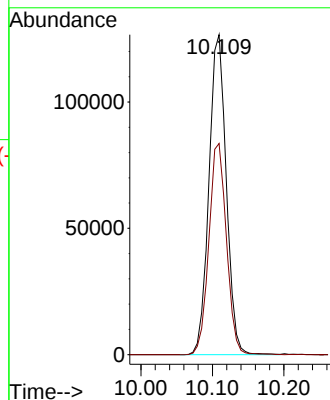
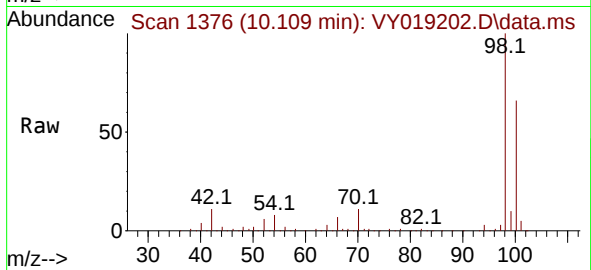
S-905-J-SO-0.5-1.0-081924

Tgt Ion: 98 Resp: 212945

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.178 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019202.D

Acq: 22 Aug 2024 06:09

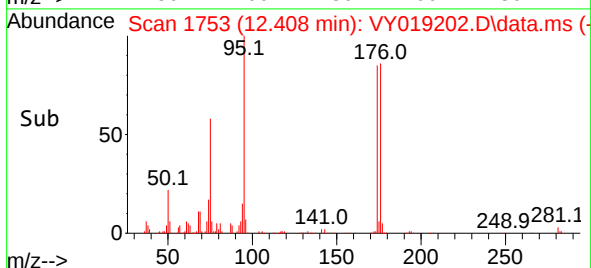
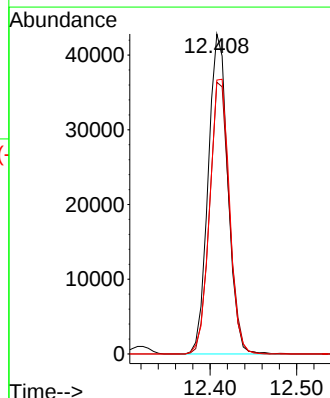
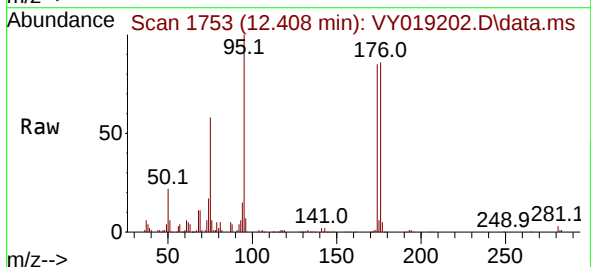
Tgt Ion: 95 Resp: 67492

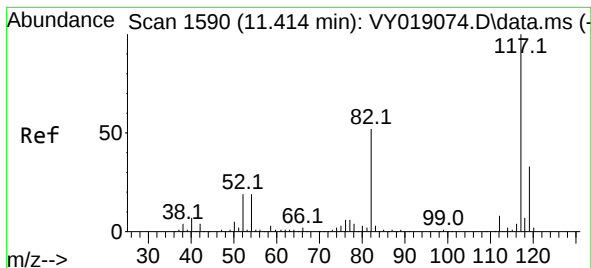
Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 86.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019202.D

Acq: 22 Aug 2024 06:09

Instrument :

MSVOA_Y

ClientSampleId :

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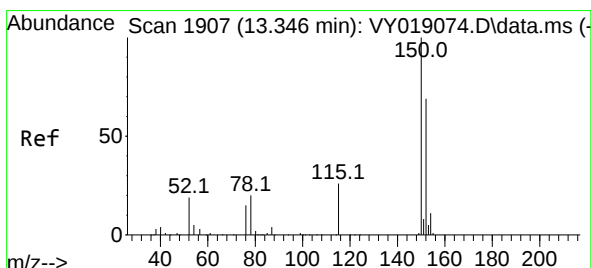
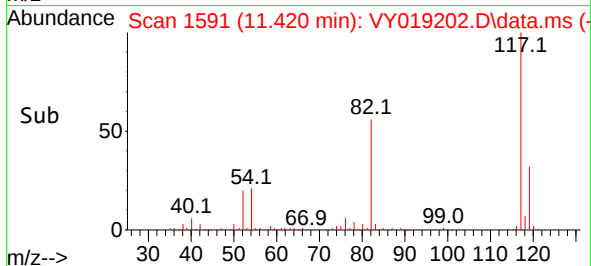
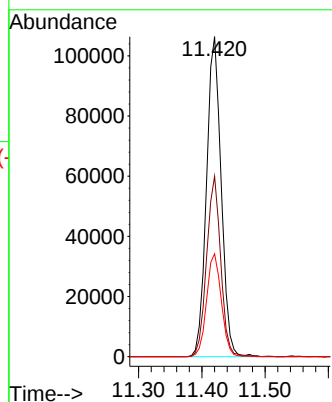
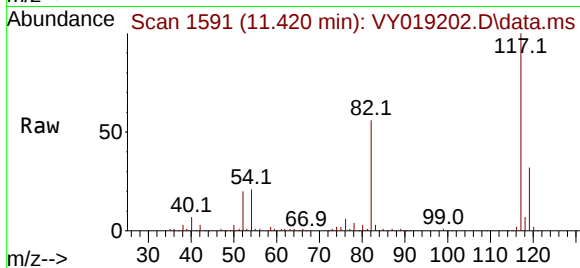
Tgt Ion:117 Resp: 171554

Ion Ratio Lower Upper

117 100

82 56.4 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019202.D

Acq: 22 Aug 2024 06:09

Tgt Ion:152 Resp: 65365

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 157.2 0.0 345.6

