

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019226.D
 Acq On : 22 Aug 2024 17:33
 Operator : SY/MD
 Sample : P3671-07
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924-FD

Quant Time: Aug 23 01:55:36 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)

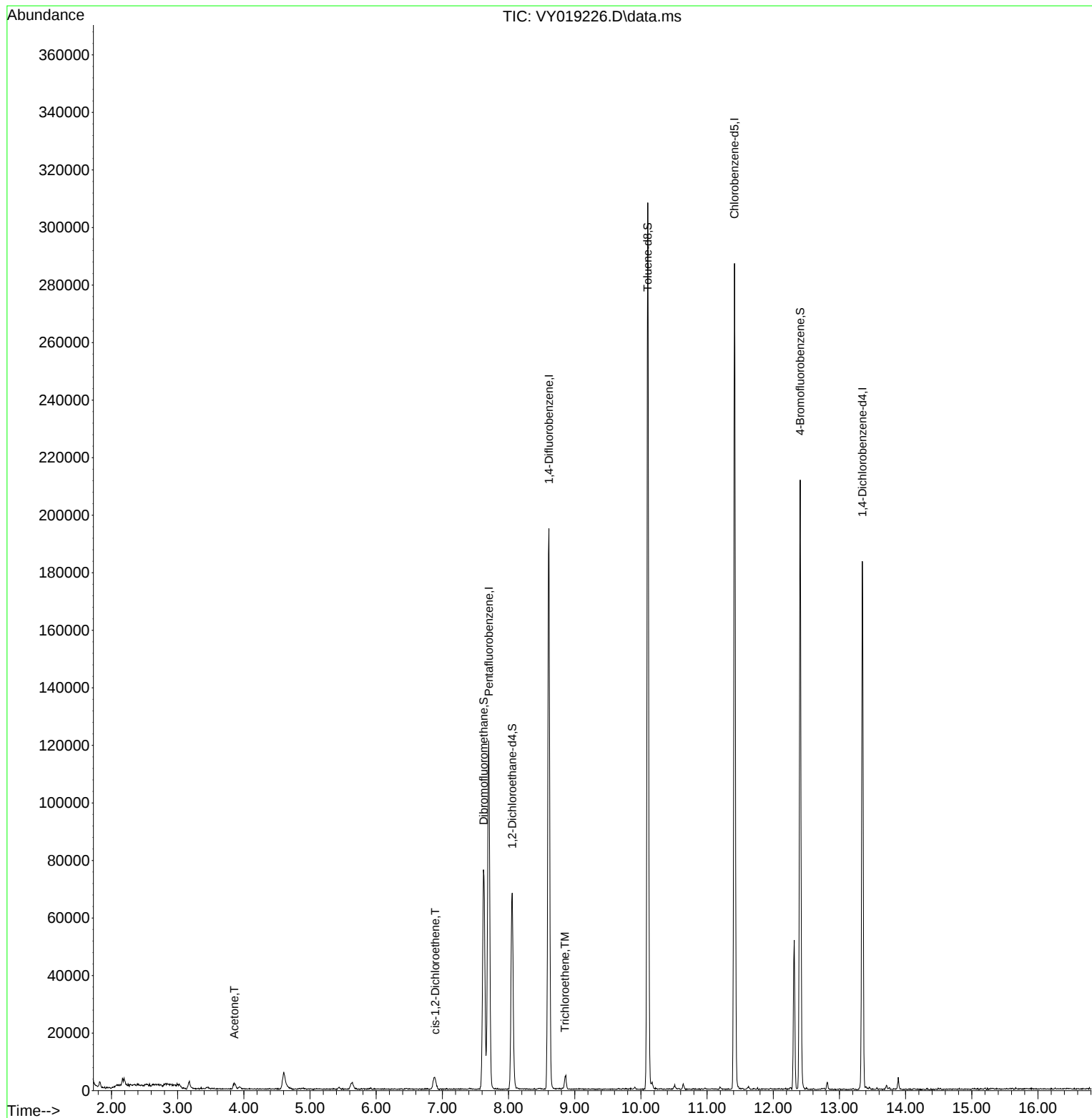
Internal Standards						
1) Pentafluorobenzene	7.701	168	93888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	167175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	153261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	46673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	54627	58.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.080%
35) Dibromofluoromethane	7.622	113	54916	50.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.103	98	189372	48.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.408	95	63020	46.996	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.000%
Target Compounds						Qvalue
16) Acetone	3.854	43	3865	22.144	ug/l	# 78
27) cis-1,2-Dichloroethene	6.890	96	2790	2.266	ug/l	92
44) Trichloroethene	8.853	130	1544	1.202	ug/l	88

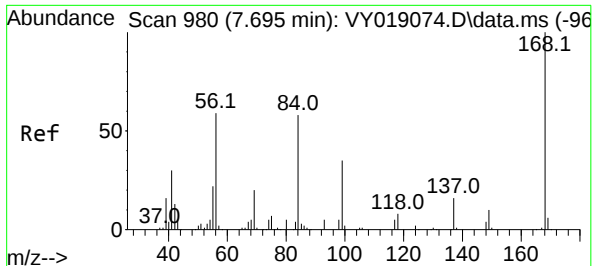
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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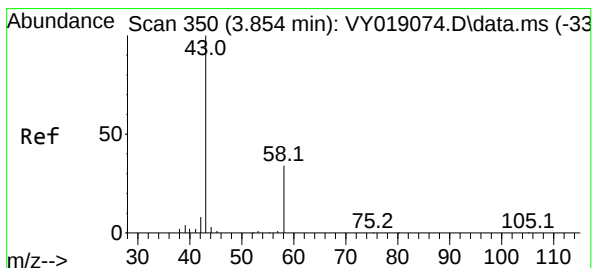
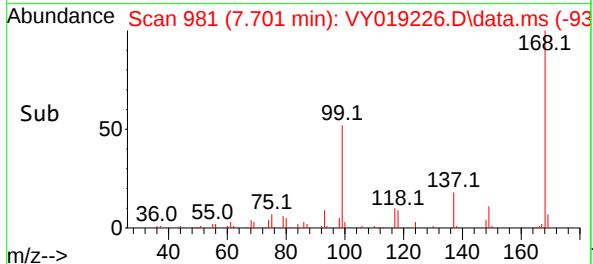
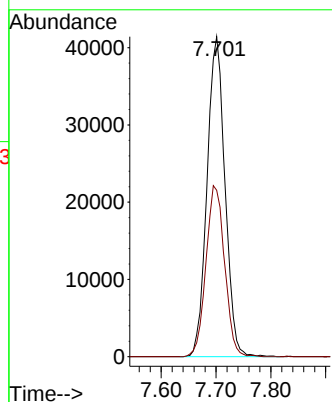
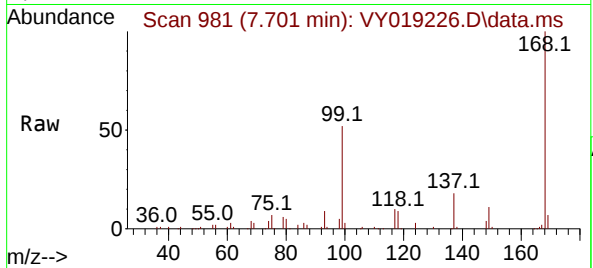




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019226.D
Acq: 22 Aug 2024 17:33

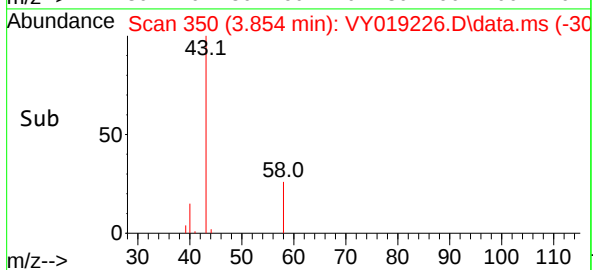
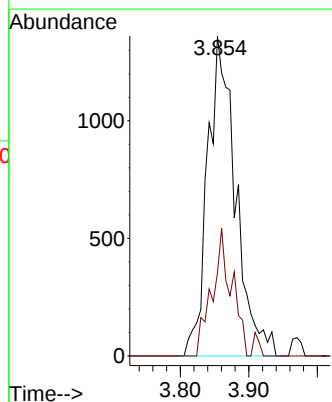
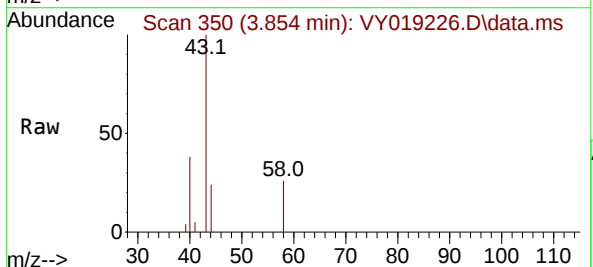
Instrument :
MSVOA_Y
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FD

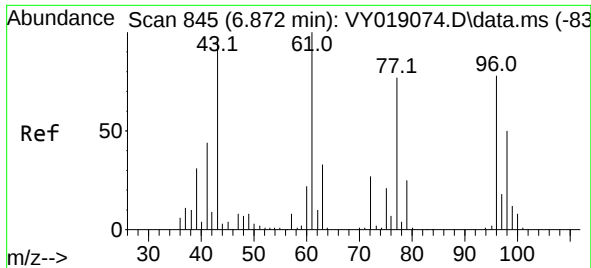
Tgt Ion:168 Resp: 93888
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#16
Acetone
Concen: 22.144 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019226.D
Acq: 22 Aug 2024 17:33

Tgt Ion: 43 Resp: 3865
Ion Ratio Lower Upper
43 100
58 26.0 31.7 47.5#





#27

cis-1,2-Dichloroethene

Concen: 2.266 ug/l

RT: 6.890 min Scan# 845

Delta R.T. 0.019 min

Lab File: VY019226.D

Acq: 22 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

S-905-KJ-SO-0-0.5-081924-FD

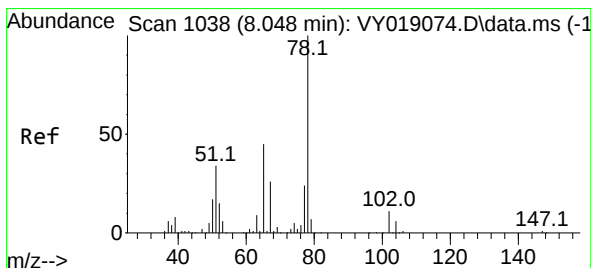
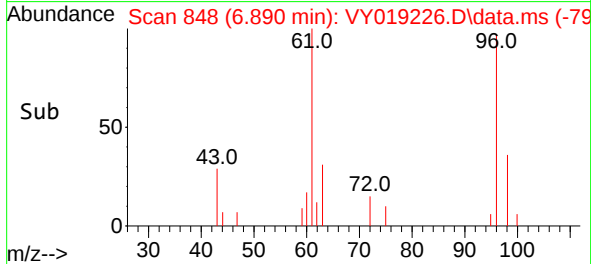
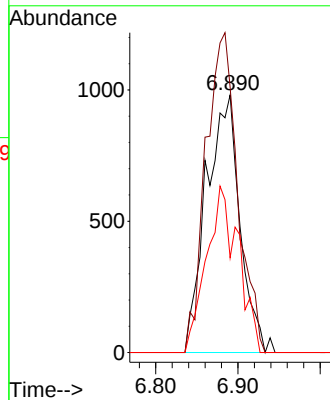
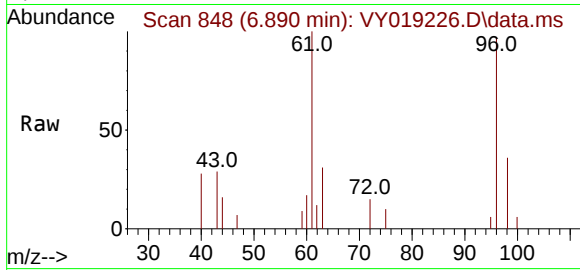
Tgt Ion: 96 Resp: 2790

Ion Ratio Lower Upper

96 100

61 117.6 0.0 256.2

98 61.2 0.0 130.0



#33

1,2-Dichloroethane-d4

Concen: 58.043 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY019226.D

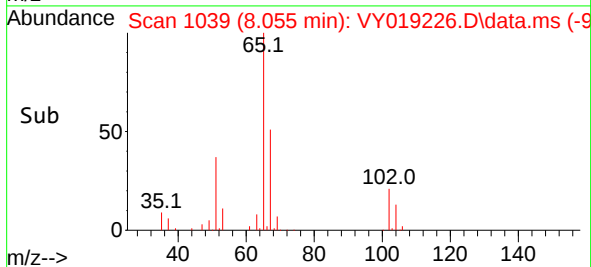
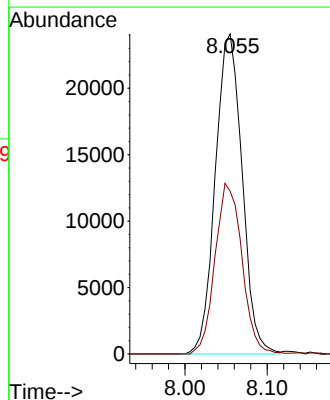
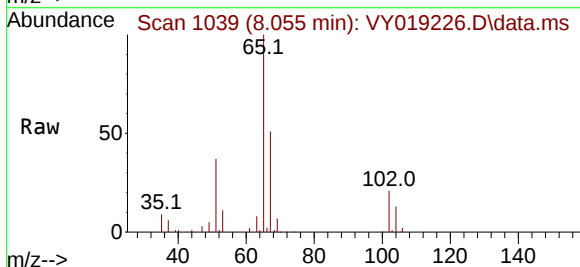
Acq: 22 Aug 2024 17:33

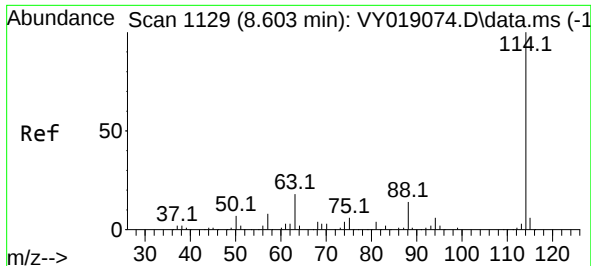
Tgt Ion: 65 Resp: 54627

Ion Ratio Lower Upper

65 100

67 53.4 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: VY019226.D

Acq: 22 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

S-905-KJ-SO-0-0.5-081924-FD

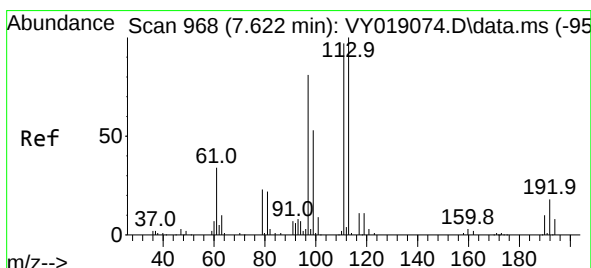
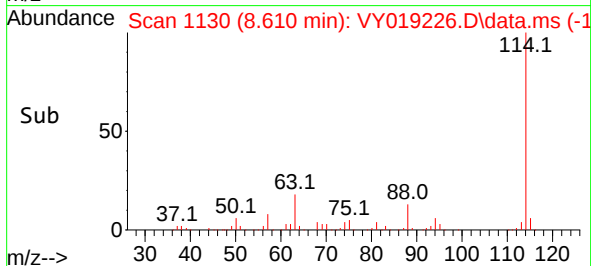
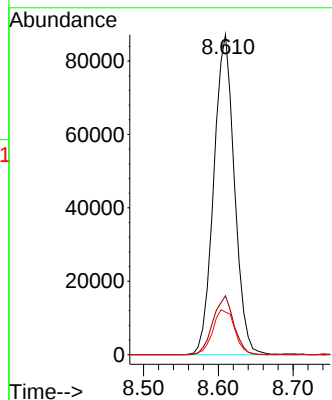
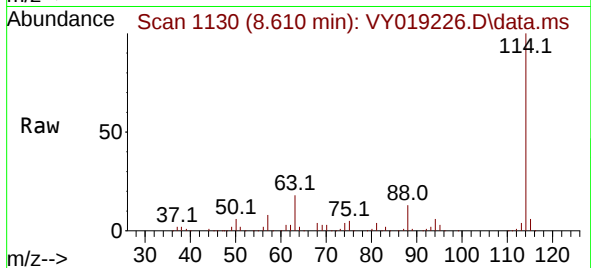
Tgt Ion:114 Resp: 167175

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.239 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019226.D

Acq: 22 Aug 2024 17:33

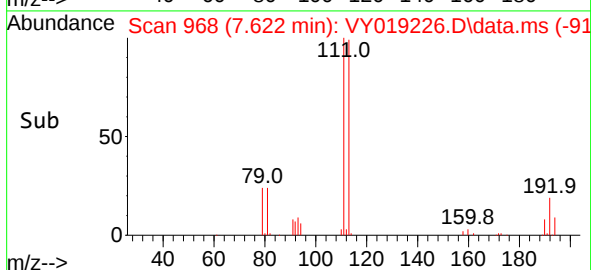
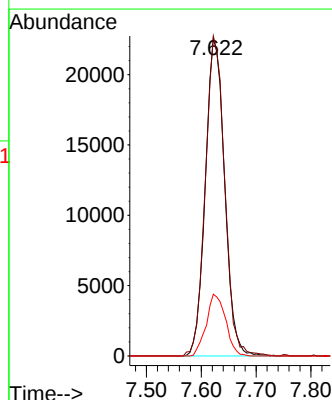
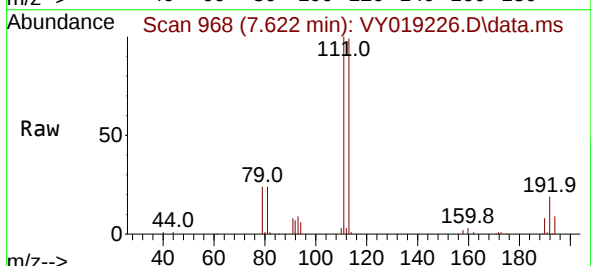
Tgt Ion:113 Resp: 54916

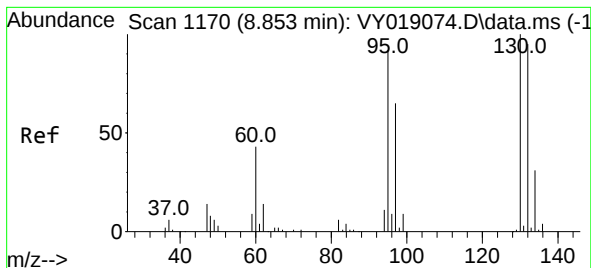
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 19.6 15.9 23.9





#44

Trichloroethene

Concen: 1.202 ug/l

RT: 8.853 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VY019226.D

Acq: 22 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

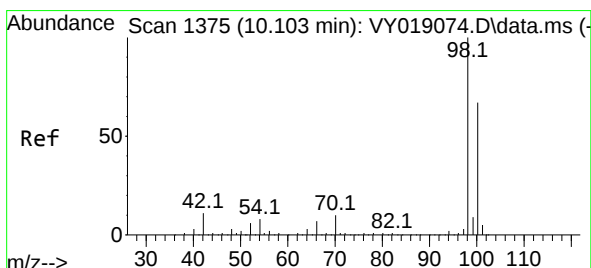
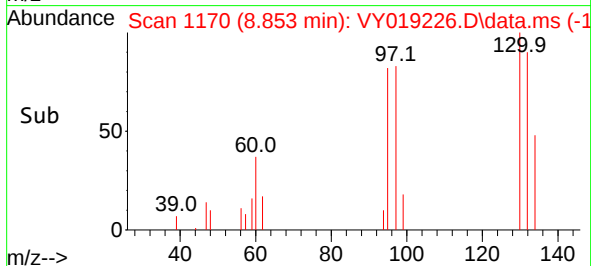
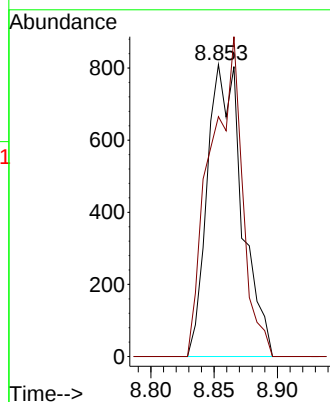
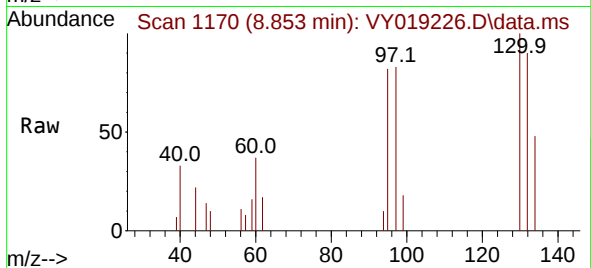
S-905-KJ-SO-0-0.5-081924-FD

Tgt Ion:130 Resp: 1544

Ion Ratio Lower Upper

130 100

95 82.1 0.0 188.0



#50

Toluene-d8

Concen: 48.142 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019226.D

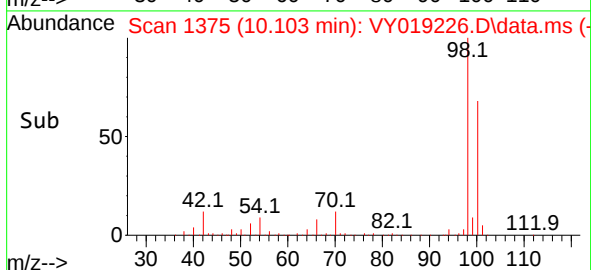
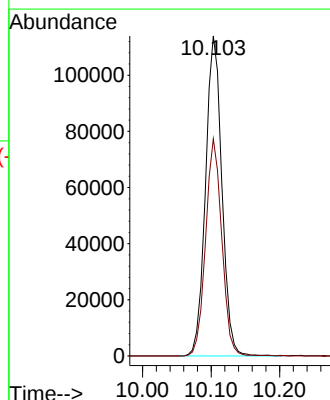
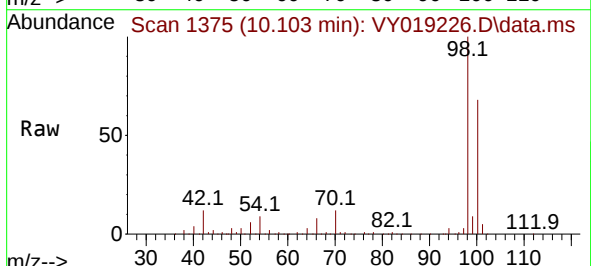
Acq: 22 Aug 2024 17:33

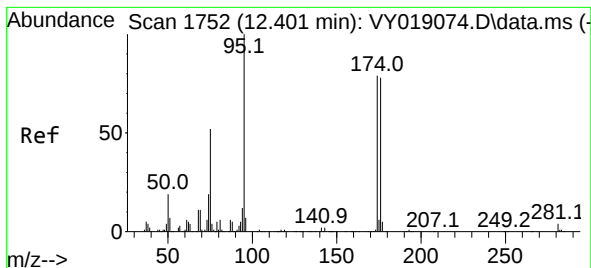
Tgt Ion: 98 Resp: 189372

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.996 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019226.D

Acq: 22 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

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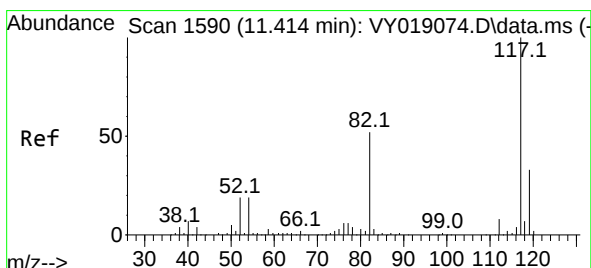
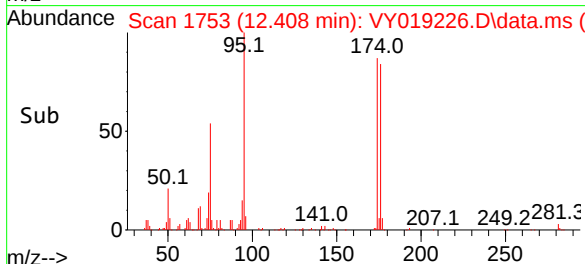
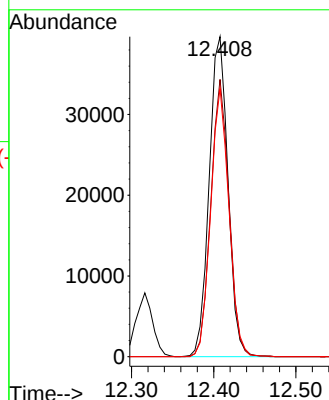
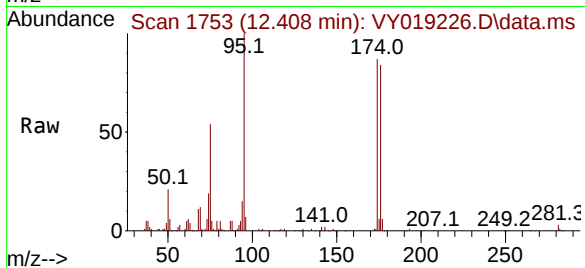
Tgt Ion: 95 Resp: 63020

Ion Ratio Lower Upper

95 100

174 84.0 0.0 175.6

176 81.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019226.D

Acq: 22 Aug 2024 17:33

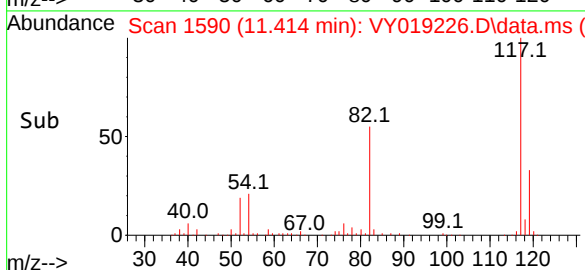
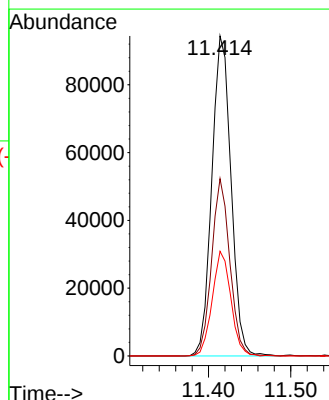
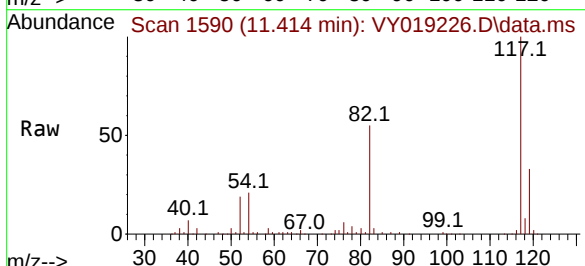
Tgt Ion: 117 Resp: 153261

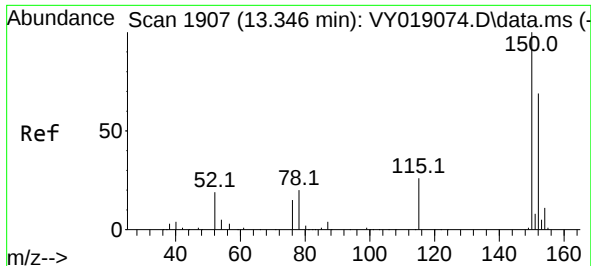
Ion Ratio Lower Upper

117 100

82 55.4 42.4 63.6

119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019226.D

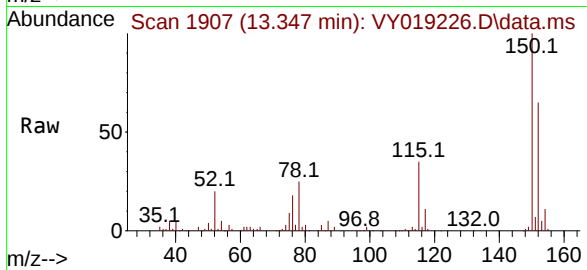
Acq: 22 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

S-905-KJ-SO-0-0.5-081924-FD



Tgt Ion:152 Resp: 46673

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 154.4 0.0 345.6

