

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019206.D
 Acq On : 22 Aug 2024 07:45
 Operator : SY/MD
 Sample : P3671-12
 Misc : 8.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-903-J-SO-0.5-1.0-081924

Quant Time: Aug 22 08:23:06 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)

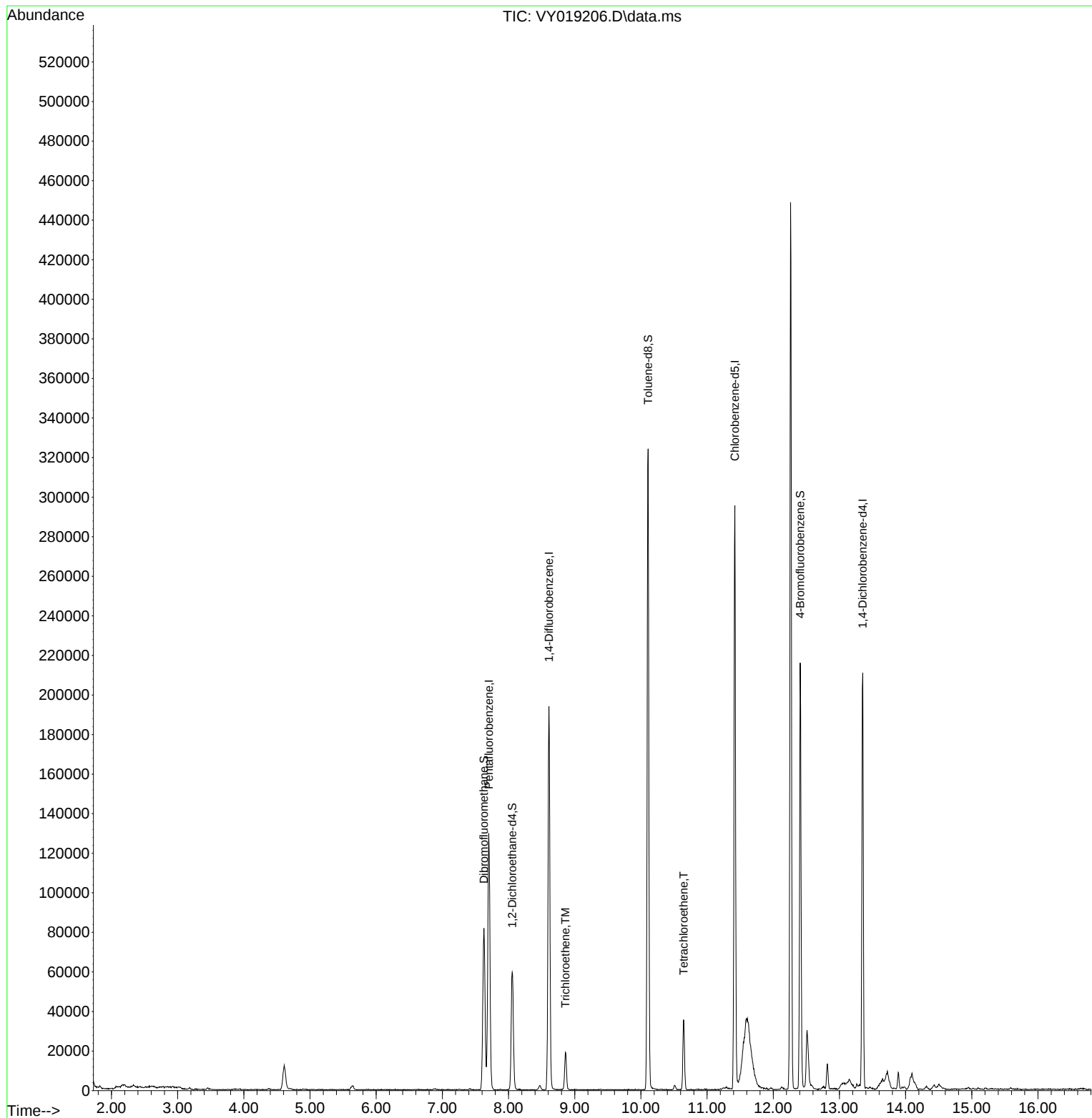
Internal Standards						
1) Pentafluorobenzene	7.701	168	101068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	169287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	157903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	51958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	48637	48.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.628	113	56749	51.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.109	98	207872	52.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.407	95	62827	46.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.540%
Target Compounds						
					Qvalue	
44) Trichloroethene	8.859	130	6192	4.760	ug/l	97
64) Tetrachloroethene	10.646	164	7840	5.680	ug/l	99

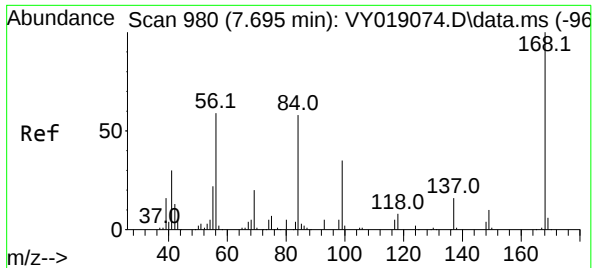
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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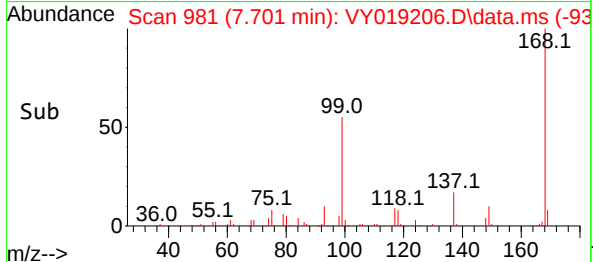
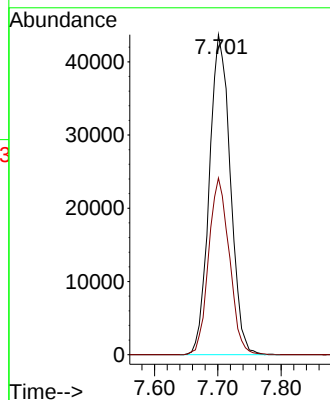
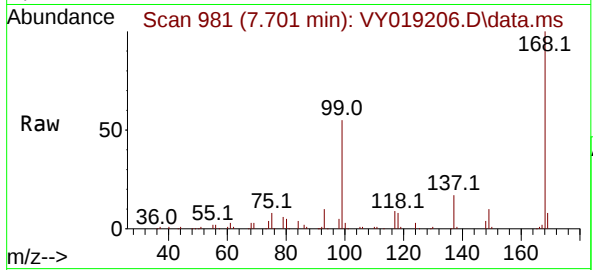




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019206.D
Acq: 22 Aug 2024 07:45

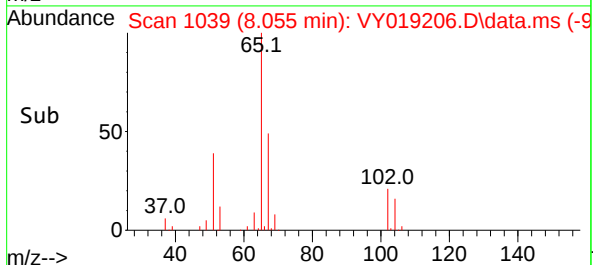
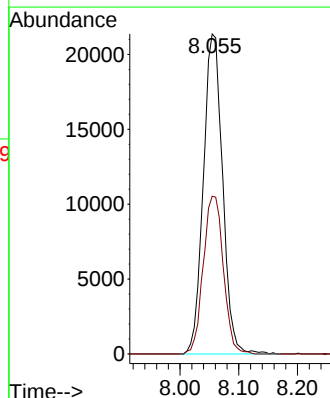
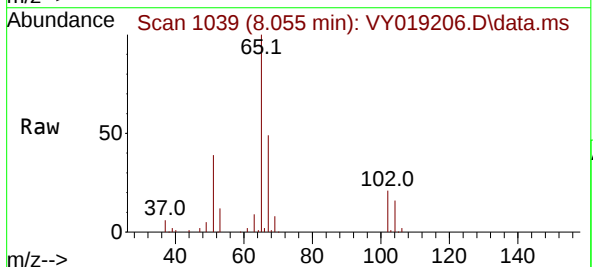
Instrument :
MSVOA_Y
ClientSampleId :
S-903-J-SO-0.5-1.0-081924

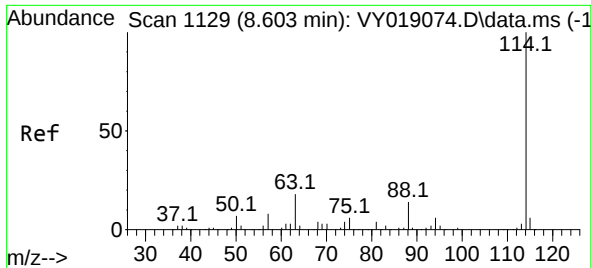
Tgt Ion:168 Resp: 101068
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.007 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019206.D
Acq: 22 Aug 2024 07:45

Tgt Ion: 65 Resp: 48637
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019206.D

Acq: 22 Aug 2024 07:45

Instrument :

MSVOA_Y

ClientSampleId :

S-903-J-SO-0.5-1.0-081924

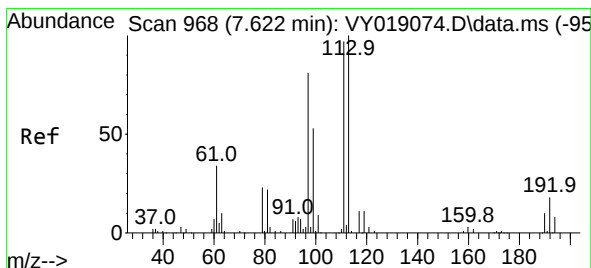
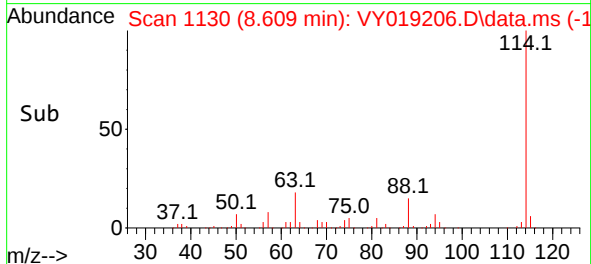
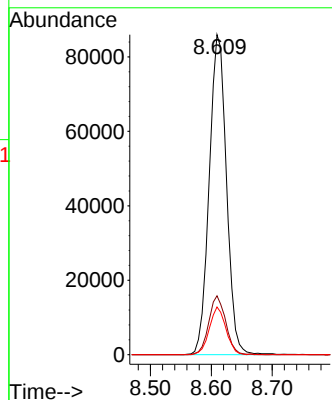
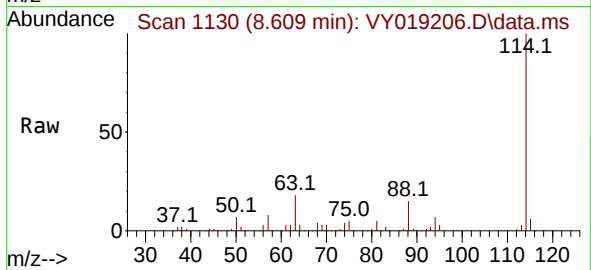
Tgt Ion:114 Resp: 169287

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.268 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019206.D

Acq: 22 Aug 2024 07:45

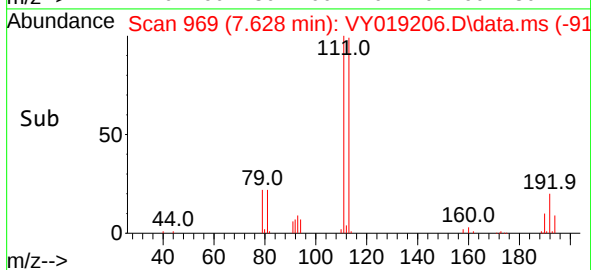
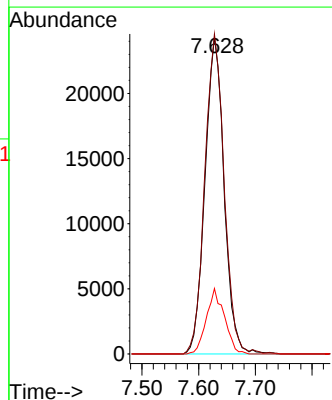
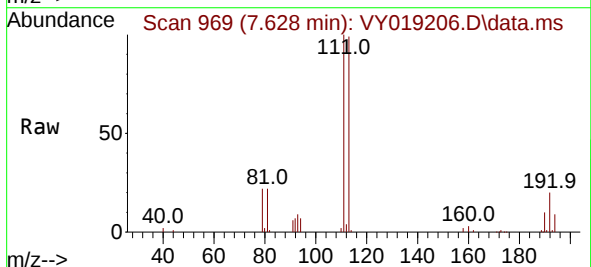
Tgt Ion:113 Resp: 56749

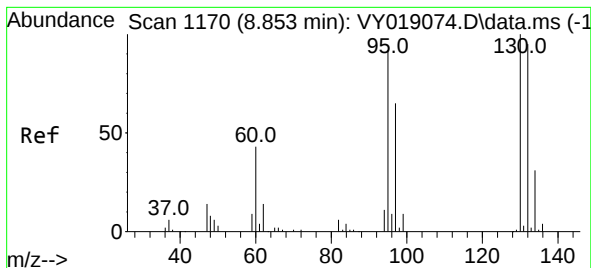
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 19.5 15.9 23.9





#44

Trichloroethene

Concen: 4.760 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019206.D

Acq: 22 Aug 2024 07:45

Instrument :

MSVOA_Y

ClientSampleId :

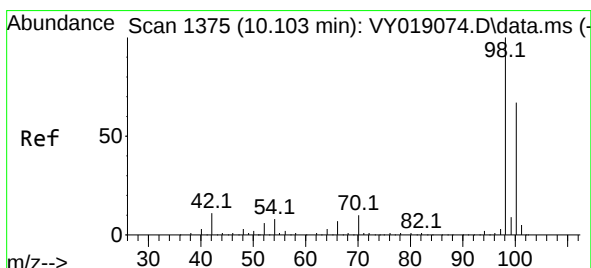
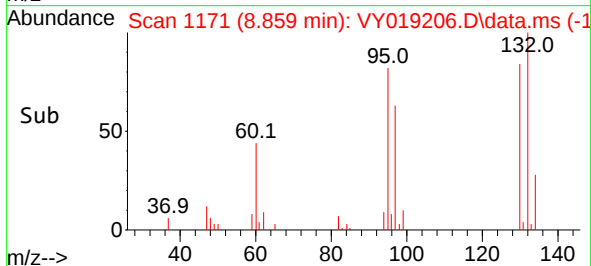
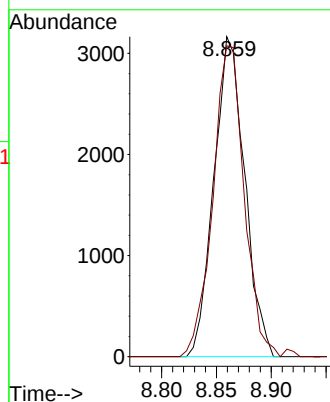
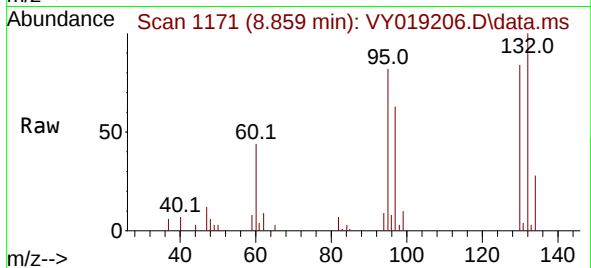
S-903-J-SO-0.5-1.0-081924

Tgt Ion:130 Resp: 6192

Ion Ratio Lower Upper

130 100

95 97.2 0.0 188.0



#50

Toluene-d8

Concen: 52.185 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019206.D

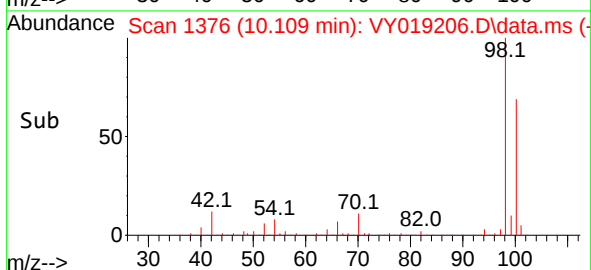
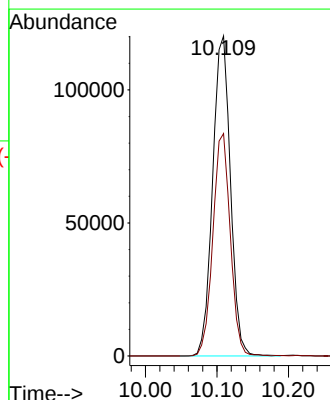
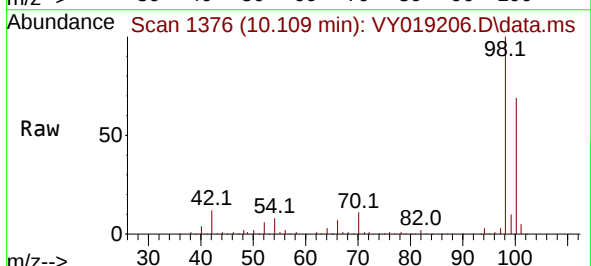
Acq: 22 Aug 2024 07:45

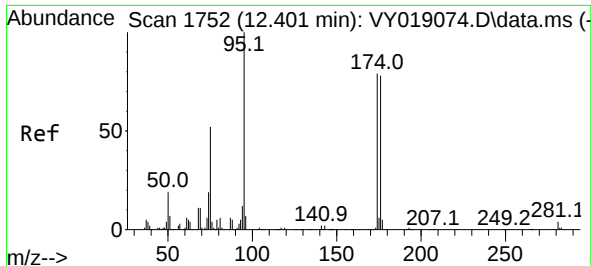
Tgt Ion: 98 Resp: 207872

Ion Ratio Lower Upper

98 100

100 68.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.267 ug/l

RT: 12.407 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019206.D

Acq: 22 Aug 2024 07:45

Instrument :

MSVOA_Y

ClientSampleId :

S-903-J-SO-0.5-1.0-081924

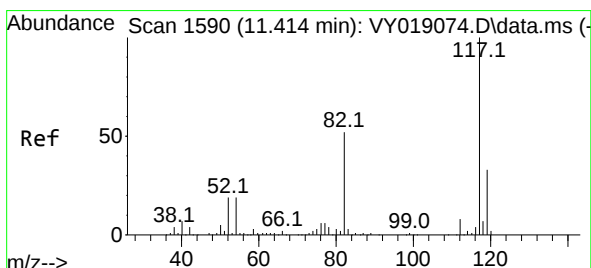
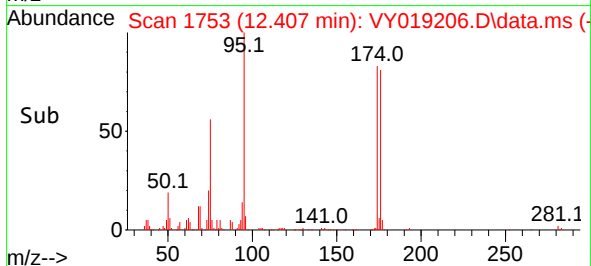
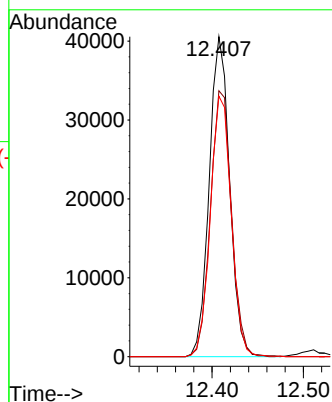
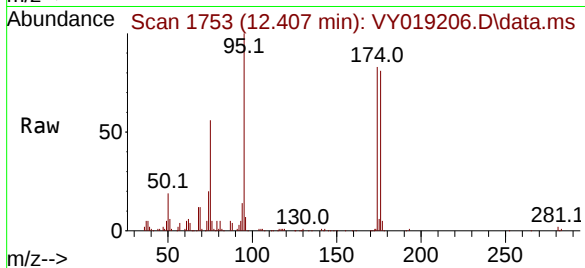
Tgt Ion: 95 Resp: 62827

Ion Ratio Lower Upper

95 100

174 85.7 0.0 175.6

176 83.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY019206.D

Acq: 22 Aug 2024 07:45

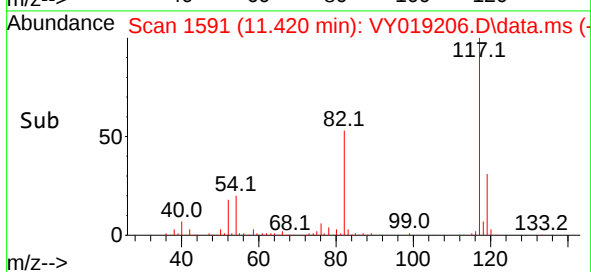
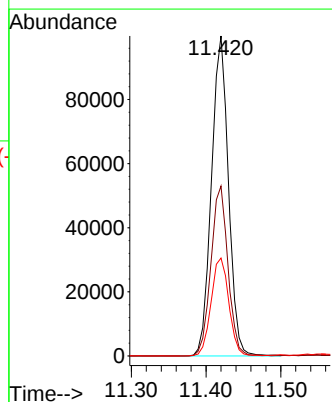
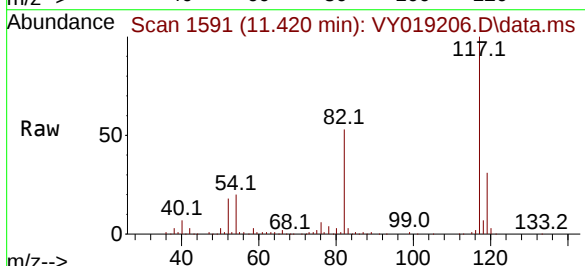
Tgt Ion: 117 Resp: 157903

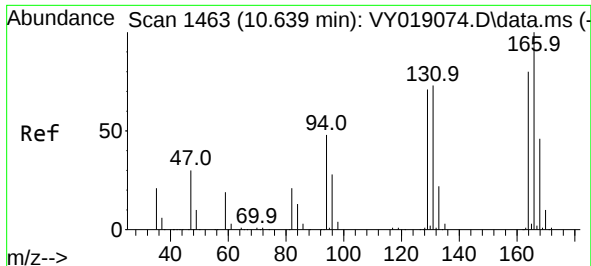
Ion Ratio Lower Upper

117 100

82 53.1 42.4 63.6

119 30.6 25.9 38.9

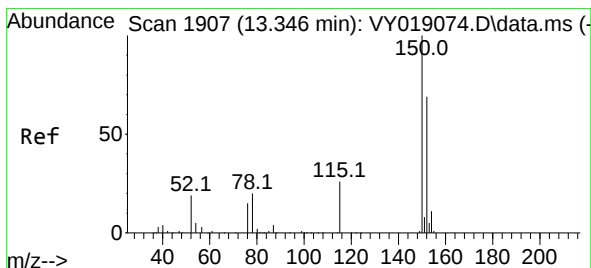
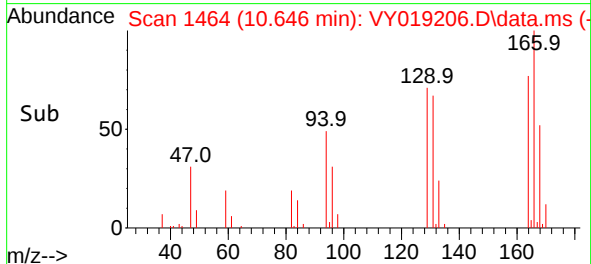
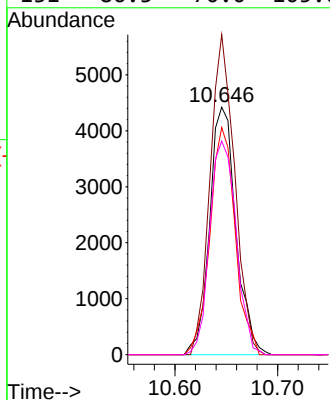
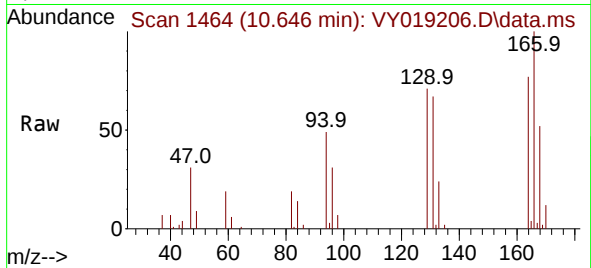




#64
Tetrachloroethene
Concen: 5.680 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019206.D
Acq: 22 Aug 2024 07:45

Instrument :
MSVOA_Y
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Tgt Ion:164	Resp:	7840
Ion	Ratio	Lower Upper
164	100	
166	129.3	102.6 154.0
129	91.8	72.0 108.0
131	86.3	70.0 105.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019206.D
Acq: 22 Aug 2024 07:45

Tgt Ion:152	Resp:	51958
Ion	Ratio	Lower Upper
152	100	
115	57.8	28.2 84.7
150	159.8	0.0 345.6

