

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019205.D
 Acq On : 22 Aug 2024 07:21
 Operator : SY/MD
 Sample : P3671-11
 Misc : 7.77g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-903-J-SO-0-0.5-081924

Quant Time: Aug 22 08:22:42 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)

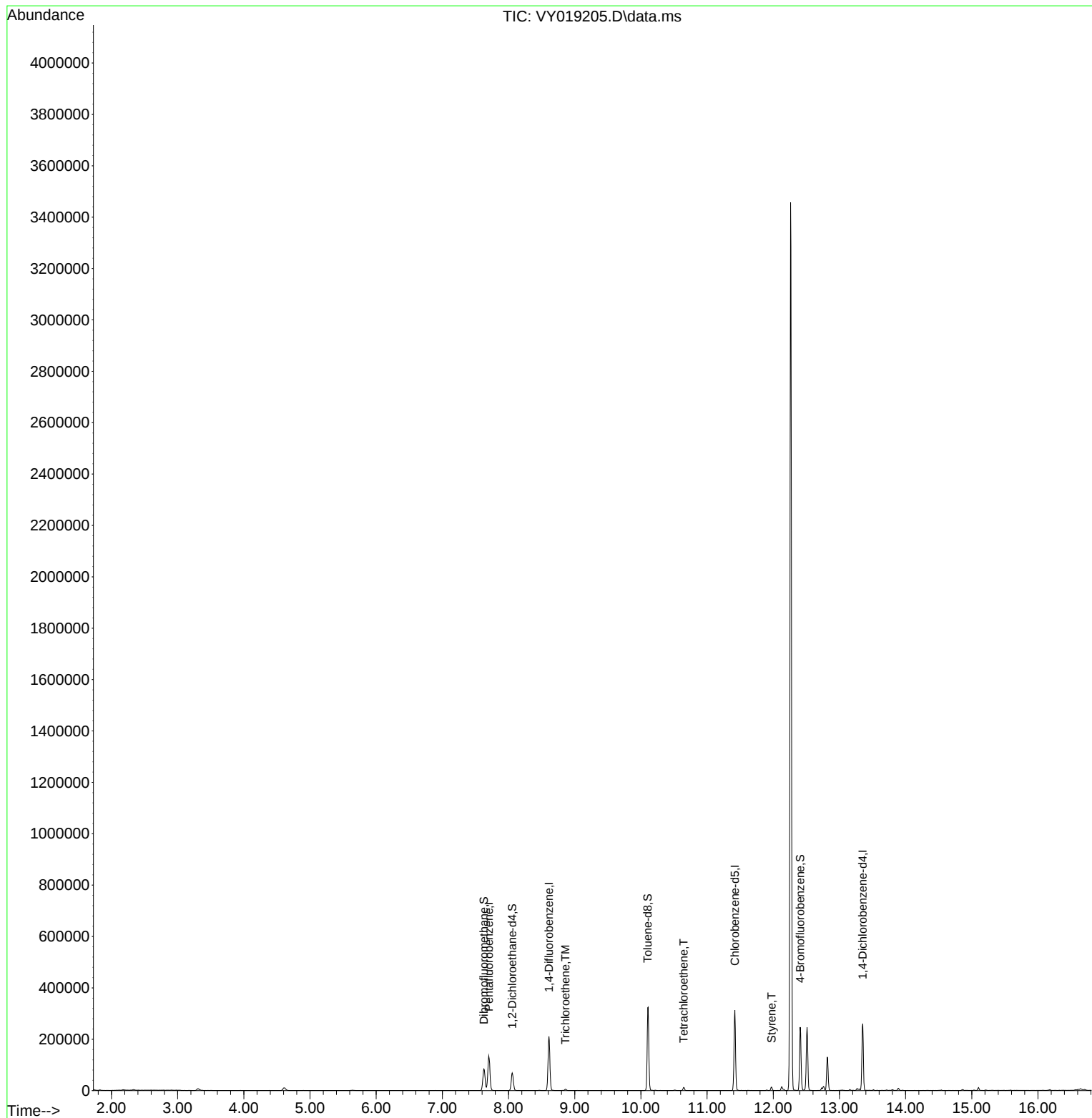
Internal Standards						
1) Pentafluorobenzene	7.701	168	103428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	183434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	163909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	64388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56020	54.032	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 108.060%		
35) Dibromofluoromethane	7.628	113	59413	49.536	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 99.080%		
50) Toluene-d8	10.103	98	208825	48.381	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	= 96.760%		
62) 4-Bromofluorobenzene	12.408	95	70924	48.202	ug/l	0.00
Spiked Amount 50.000	Range	29 - 146	Recovery	= 96.400%		
Target Compounds						Qvalue
44) Trichloroethene	8.860	130	1924	1.365	ug/l	99
64) Tetrachloroethene	10.646	164	2510	1.752	ug/l	92
70) Styrene	11.975	104	6702	1.633	ug/l	88

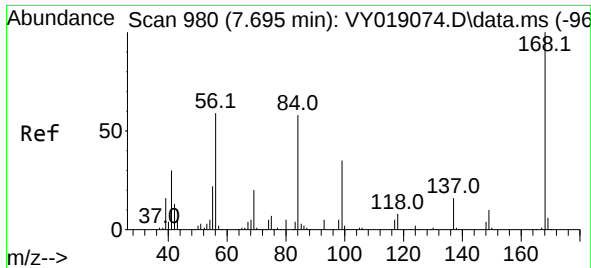
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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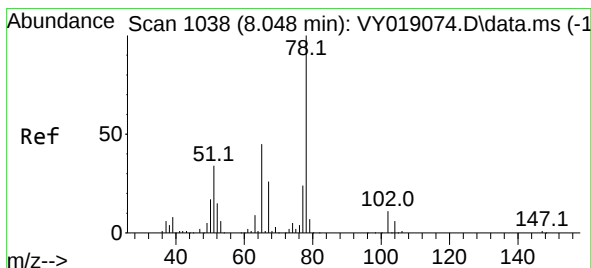
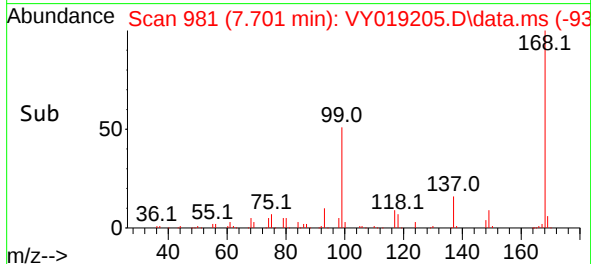
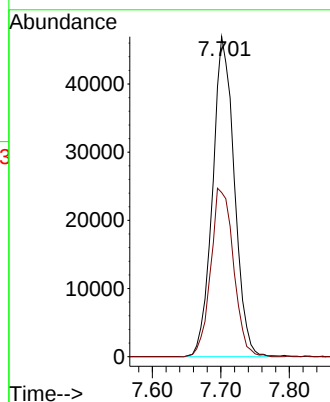
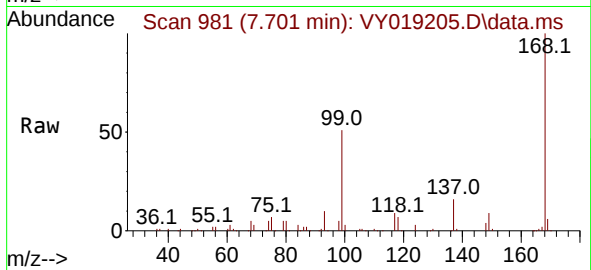




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019205.D
Acq: 22 Aug 2024 07:21

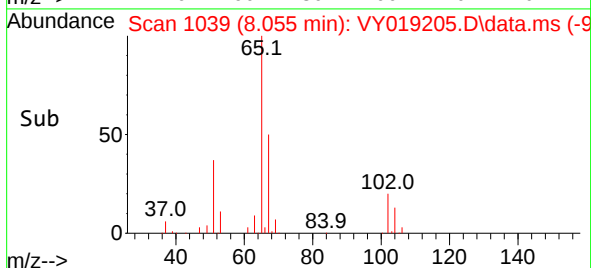
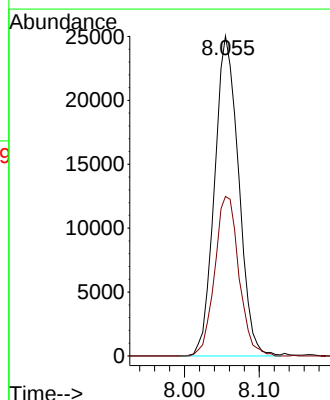
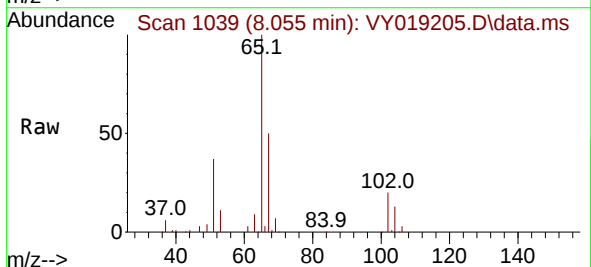
Instrument :
MSVOA_Y
ClientSampleId :
S-903-J-SO-0-0.5-081924

Tgt Ion:168 Resp: 103428
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.032 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019205.D
Acq: 22 Aug 2024 07:21

Tgt Ion: 65 Resp: 56020
Ion Ratio Lower Upper
65 100
67 50.3 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: VY019205.D

Acq: 22 Aug 2024 07:21

Instrument :

MSVOA_Y

ClientSampleId :

S-903-J-SO-0-0.5-081924

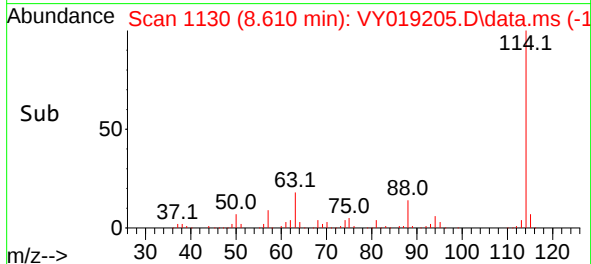
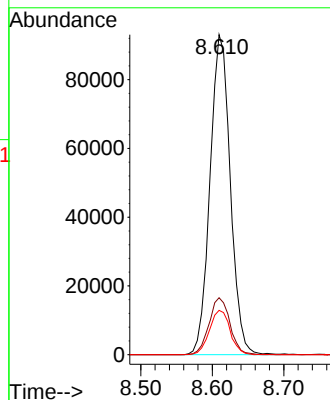
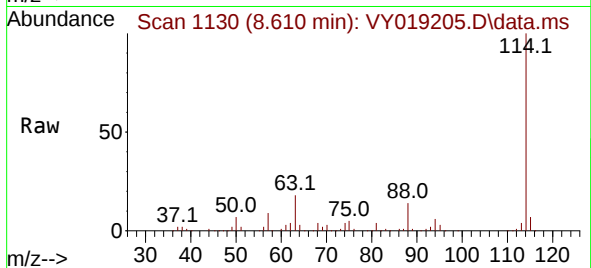
Tgt Ion:114 Resp: 183434

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.536 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019205.D

Acq: 22 Aug 2024 07:21

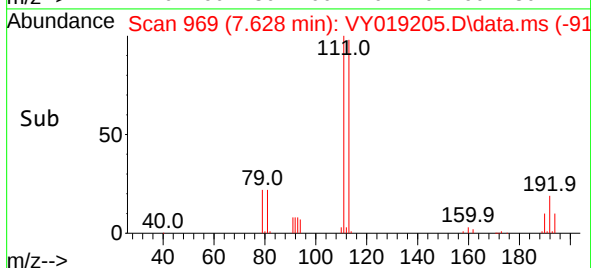
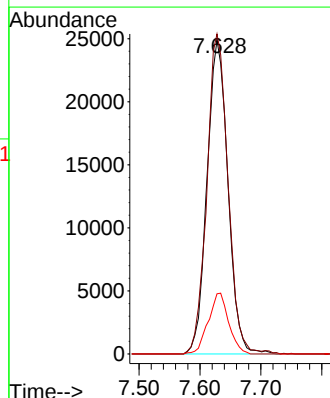
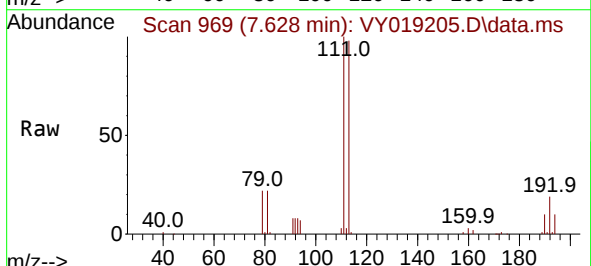
Tgt Ion:113 Resp: 59413

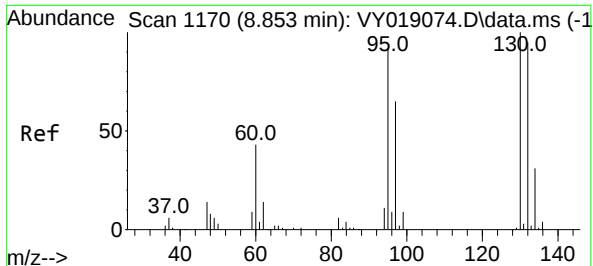
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 18.9 15.9 23.9

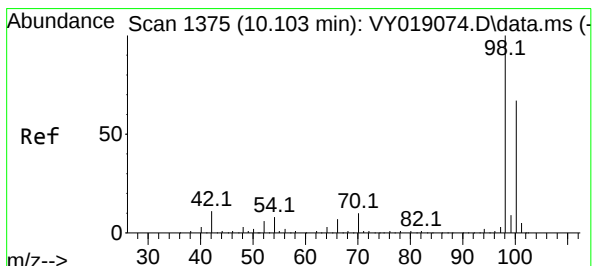
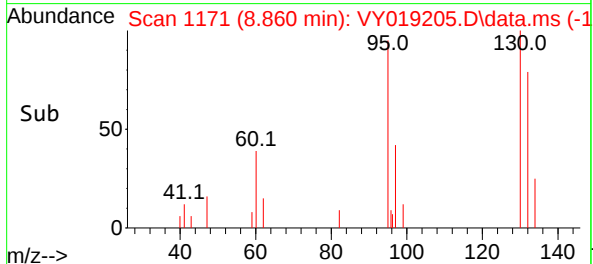
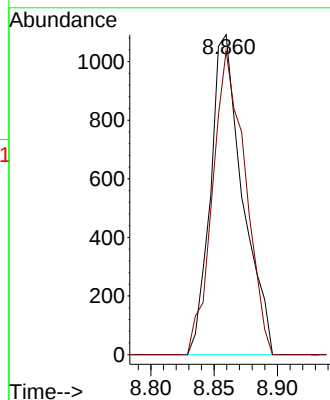
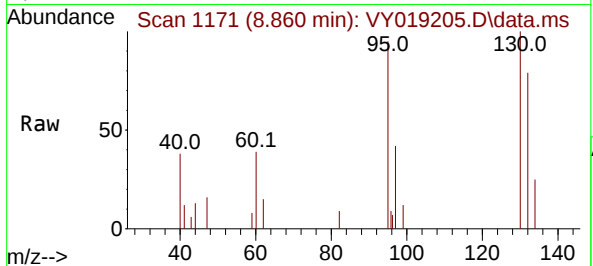




#44
Trichloroethene
Concen: 1.365 ug/l
RT: 8.860 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY019205.D
Acq: 22 Aug 2024 07:21

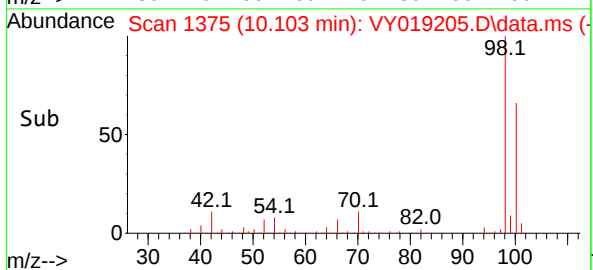
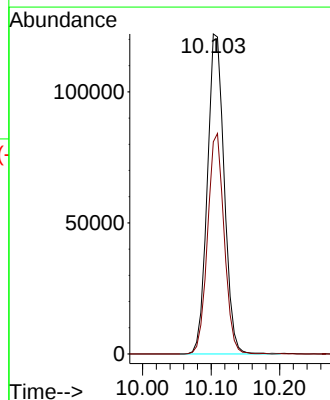
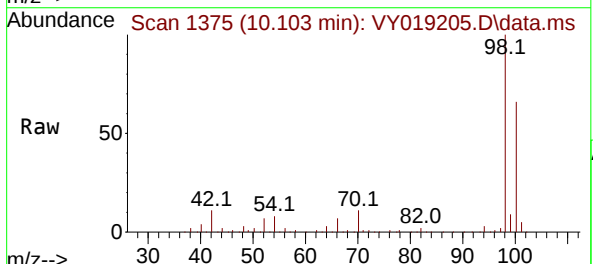
Instrument :
MSVOA_Y
ClientSampleId :
S-903-J-SO-0-0.5-081924

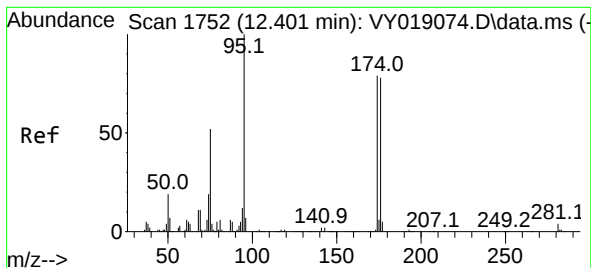
Tgt Ion:130 Resp: 1924
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.0



#50
Toluene-d8
Concen: 48.381 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019205.D
Acq: 22 Aug 2024 07:21

Tgt Ion: 98 Resp: 208825
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 48.202 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019205.D

Acq: 22 Aug 2024 07:21

Instrument :

MSVOA_Y

ClientSampleId :

S-903-J-SO-0-0.5-081924

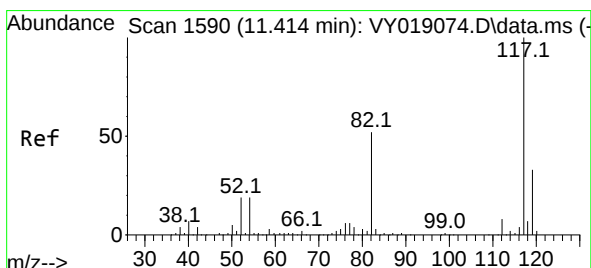
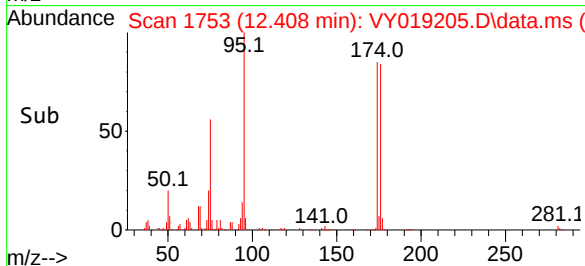
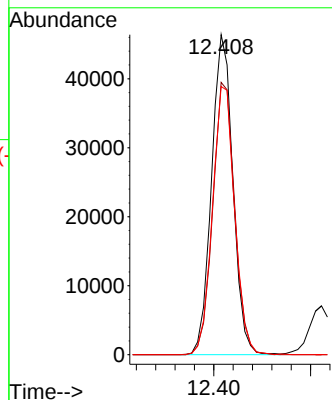
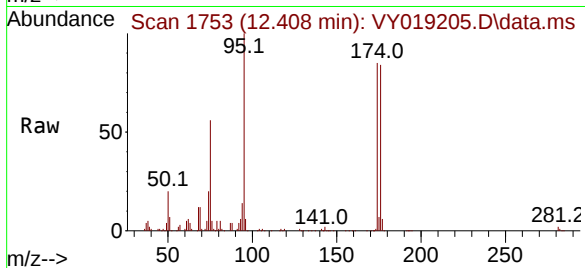
Tgt Ion: 95 Resp: 70924

Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 87.2 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: VY019205.D

Acq: 22 Aug 2024 07:21

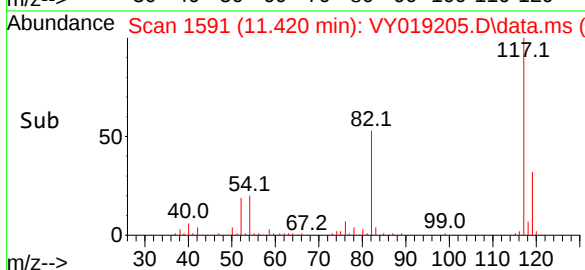
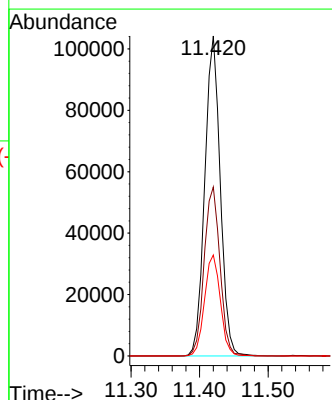
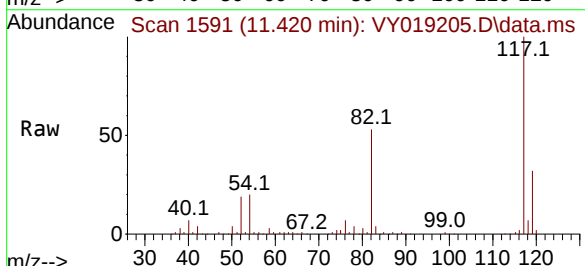
Tgt Ion: 117 Resp: 163909

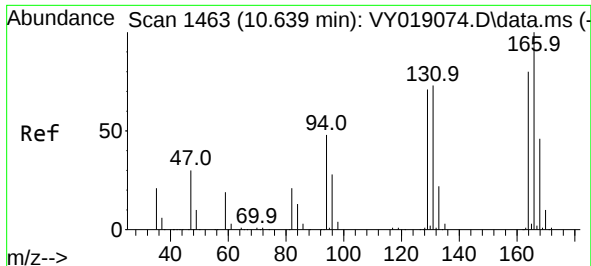
Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

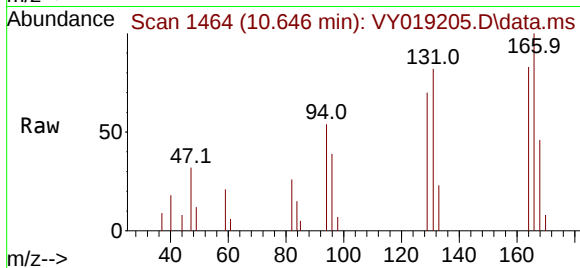
119 31.6 25.9 38.9



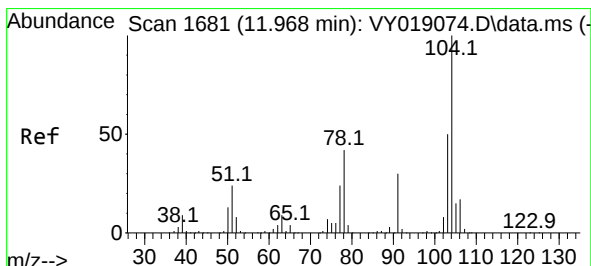
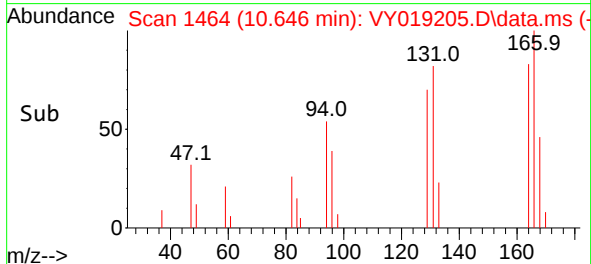
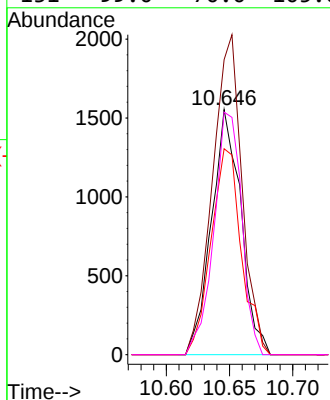


#64
Tetrachloroethene
Concen: 1.752 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019205.D
Acq: 22 Aug 2024 07:21

Instrument :
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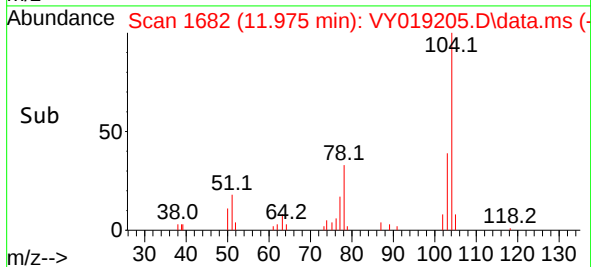
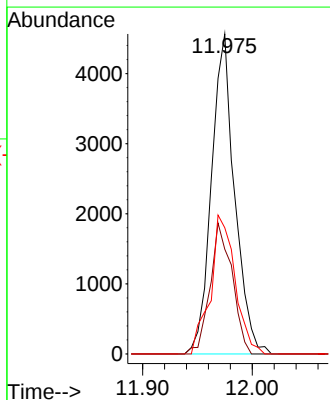
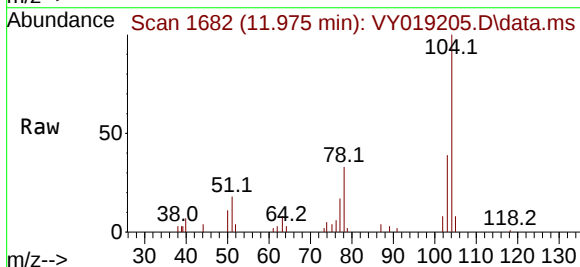


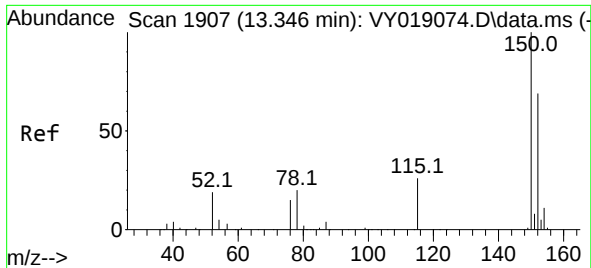
Tgt Ion:164 Resp: 2510
Ion Ratio Lower Upper
164 100
166 120.4 102.6 154.0
129 84.0 72.0 108.0
131 99.0 70.0 105.0



#70
Styrene
Concen: 1.633 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY019205.D
Acq: 22 Aug 2024 07:21

Tgt Ion:104 Resp: 6702
Ion Ratio Lower Upper
104 100
78 39.0 37.0 55.4
103 46.0 44.2 66.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019205.D

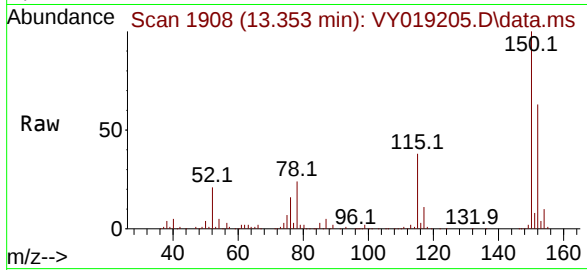
Acq: 22 Aug 2024 07:21

Instrument :

MSVOA_Y

ClientSampleId :

S-903-J-SO-0-0.5-081924



Tgt Ion:152 Resp: 64388

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 158.8 0.0 345.6

