

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019171.D
 Acq On : 21 Aug 2024 15:53
 Operator : SY/MD
 Sample : P3641-03RE
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-908-K1-0-0.5-081524RE

Quant Time: Aug 22 01:15:00 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)

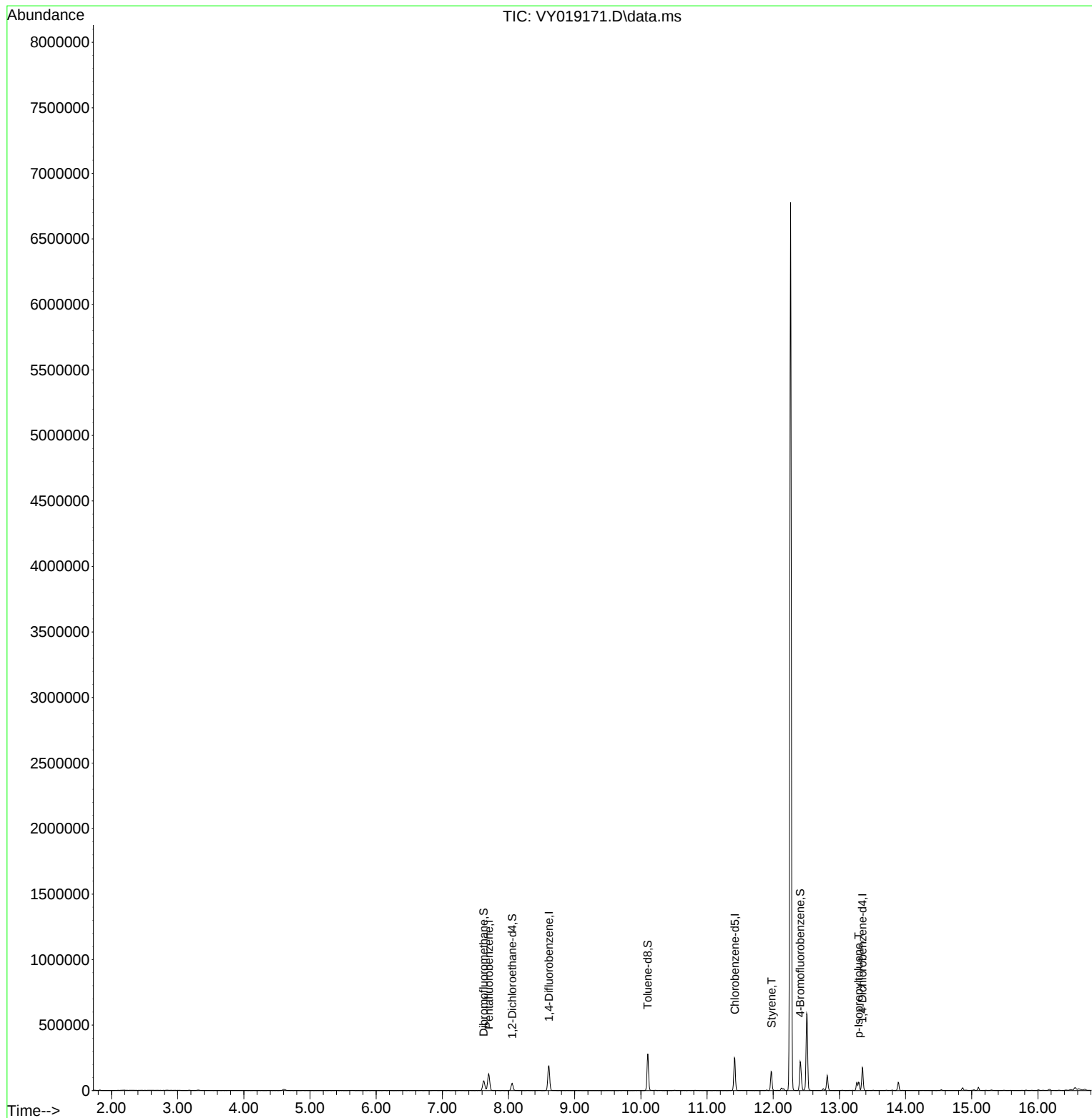
Internal Standards						
1) Pentafluorobenzene	7.701	168	98450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	167597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	136516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	43479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41231	41.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.560%		
35) Dibromofluoromethane	7.622	113	52461	47.872	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.740%		
50) Toluene-d8	10.103	98	174820	44.330	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.660%		
62) 4-Bromofluorobenzene	12.408	95	53415	39.733	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	79.460%		
Target Compounds						
70) Styrene	11.975	104	70768	20.700	ug/l	90
86) p-Isopropyltoluene	13.292	119	33165	11.052	ug/l #	80

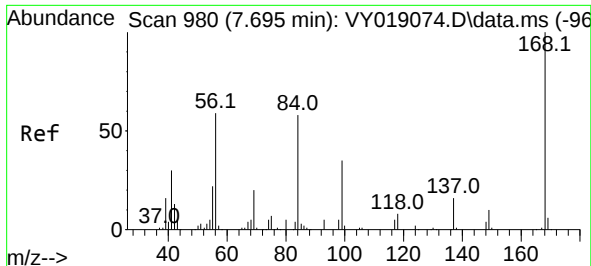
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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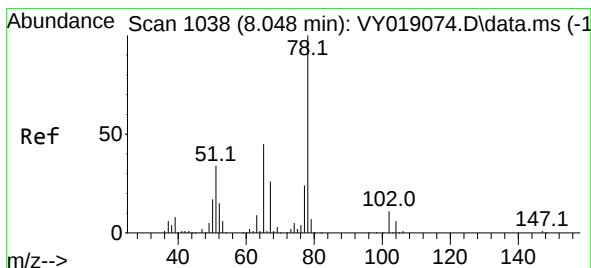
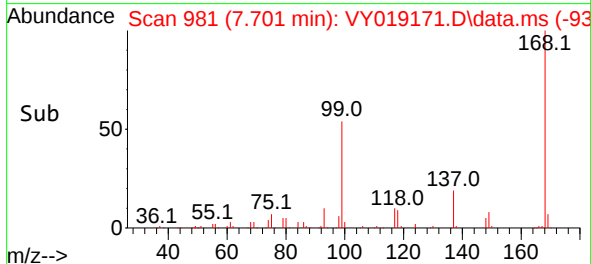
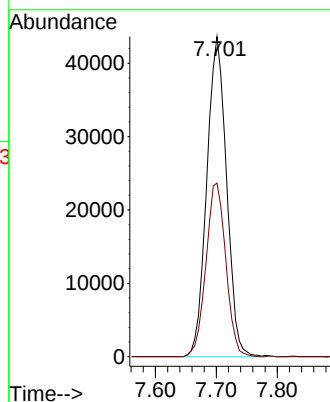
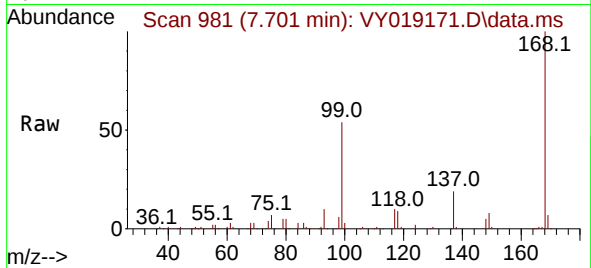




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019171.D
Acq: 21 Aug 2024 15:53

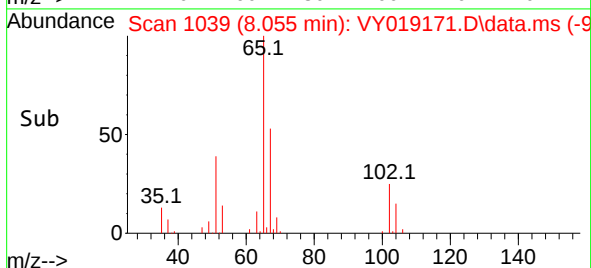
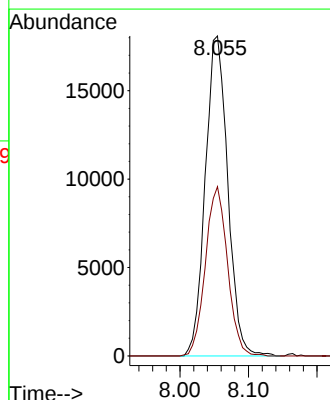
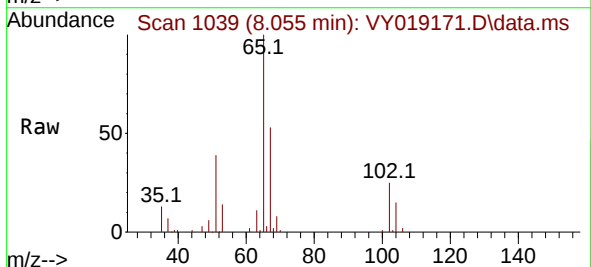
Instrument :
MSVOA_Y
ClientSampleId :
S-908-K1-0-0.5-081524RE

Tgt Ion:168 Resp: 98450
Ion Ratio Lower Upper
168 100
99 54.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.779 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019171.D
Acq: 21 Aug 2024 15:53

Tgt Ion: 65 Resp: 41231
Ion Ratio Lower Upper
65 100
67 52.2 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: VY019171.D

Acq: 21 Aug 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

S-908-K1-0-0.5-081524RE

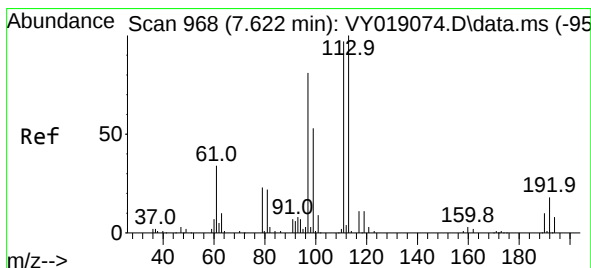
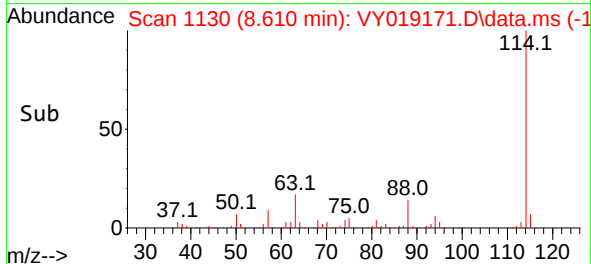
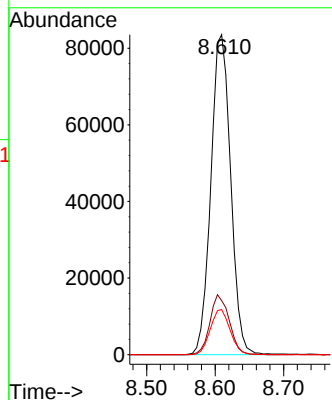
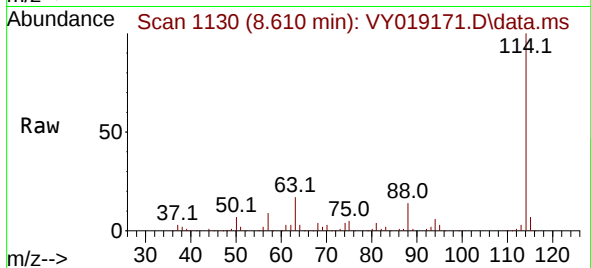
Tgt Ion:114 Resp: 167597

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.872 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019171.D

Acq: 21 Aug 2024 15:53

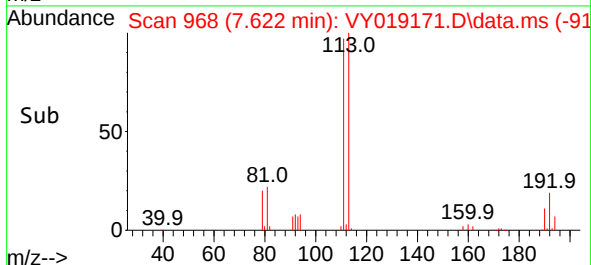
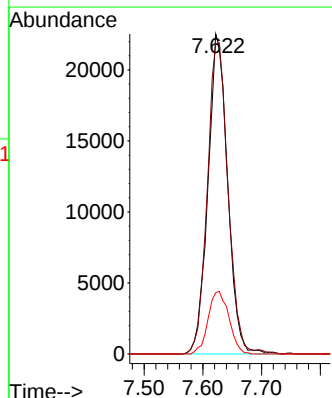
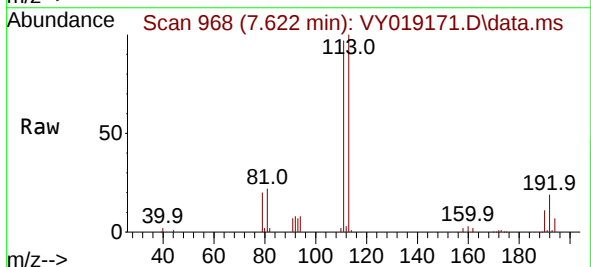
Tgt Ion:113 Resp: 52461

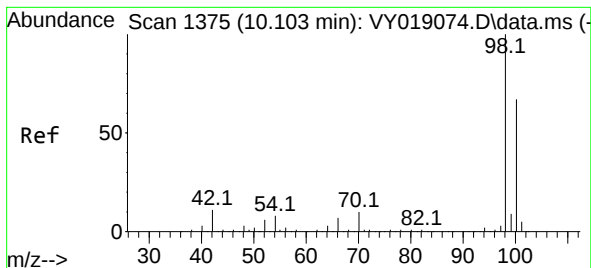
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.6 15.9 23.9





#50

Toluene-d8

Concen: 44.330 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019171.D

Acq: 21 Aug 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

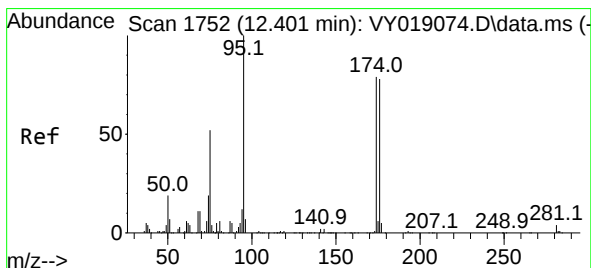
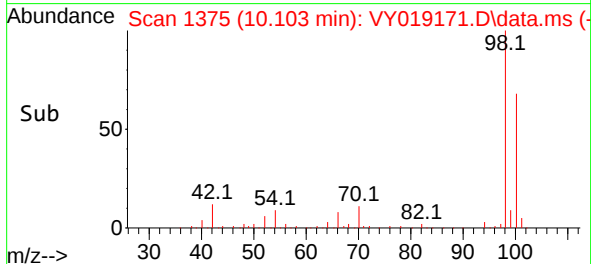
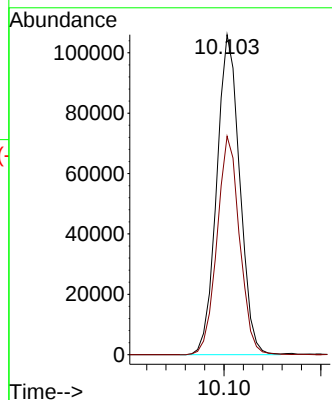
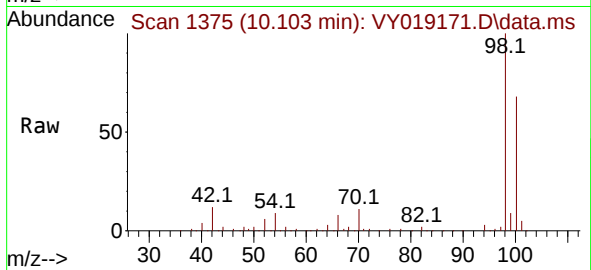
S-908-K1-0-0.5-081524RE

Tgt Ion: 98 Resp: 174820

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.733 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019171.D

Acq: 21 Aug 2024 15:53

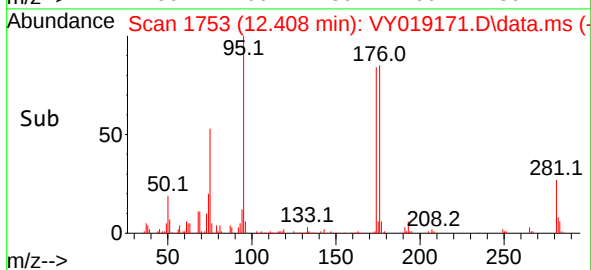
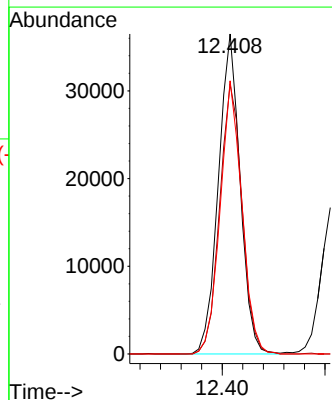
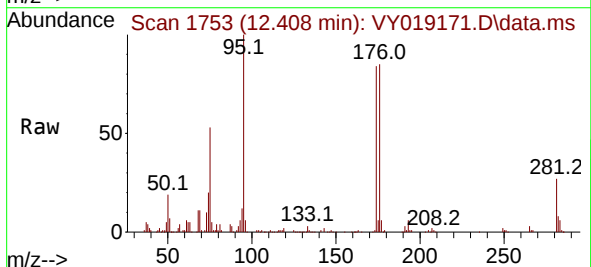
Tgt Ion: 95 Resp: 53415

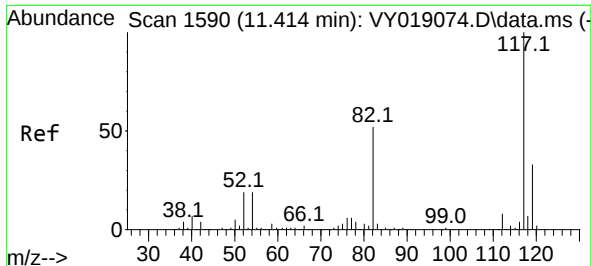
Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.6

176 85.3 0.0 171.4

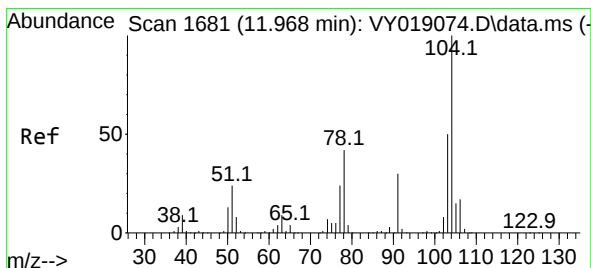
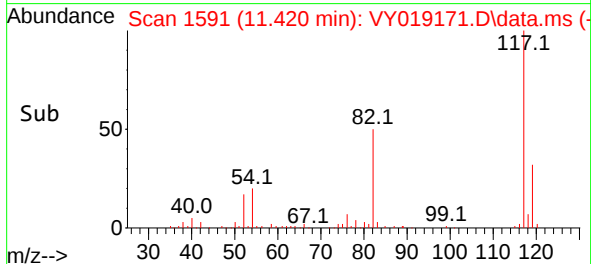
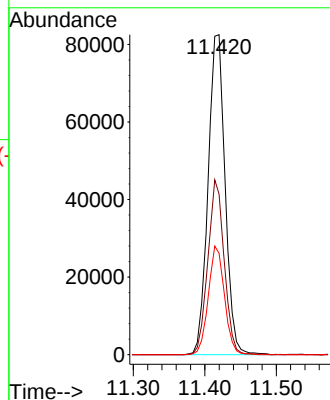
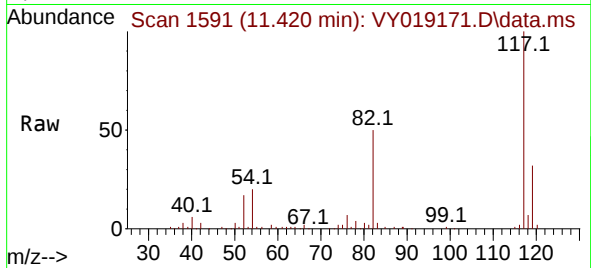




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019171.D
Acq: 21 Aug 2024 15:53

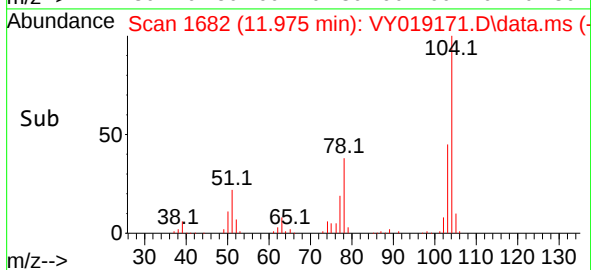
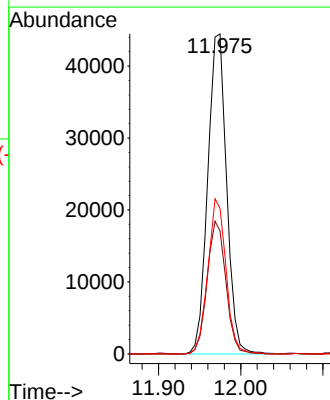
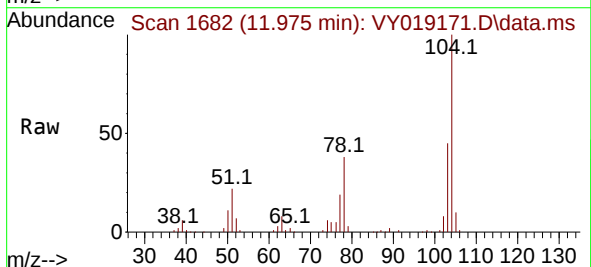
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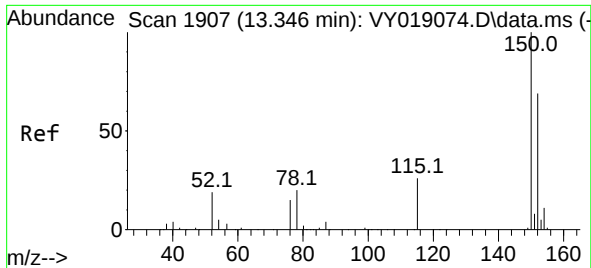
Tgt Ion:117 Resp: 136516
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 31.7 25.9 38.9



#70
Styrene
Concen: 20.700 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY019171.D
Acq: 21 Aug 2024 15:53

Tgt Ion:104 Resp: 70768
Ion Ratio Lower Upper
104 100
78 41.2 37.0 55.4
103 46.9 44.2 66.2

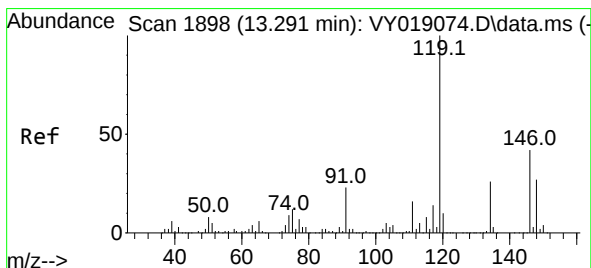
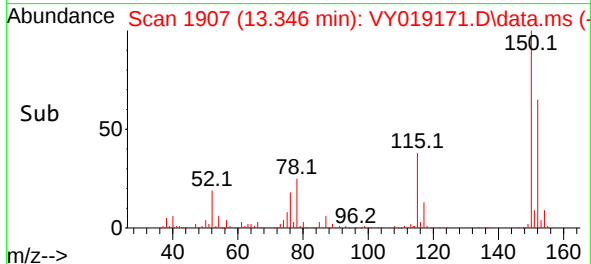
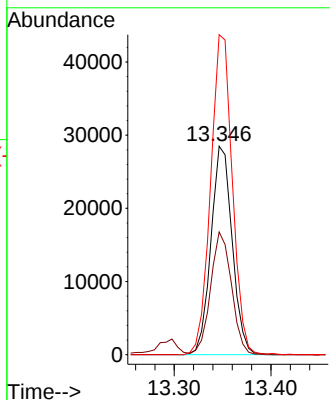
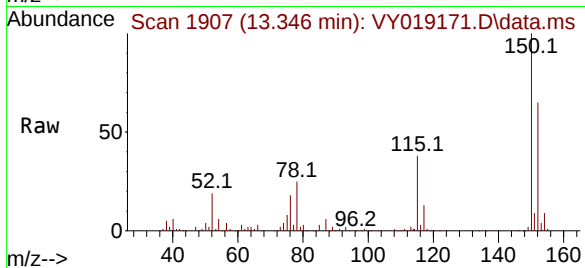




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019171.D
 Acq: 21 Aug 2024 15:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-908-K1-0-0.5-081524RE

Tgt Ion:152 Resp: 43479
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 156.6 0.0 345.6



#86
 p-Isopropyltoluene
 Concen: 11.052 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019171.D
 Acq: 21 Aug 2024 15:53

Tgt Ion:119 Resp: 33165
 Ion Ratio Lower Upper
 119 100
 134 30.8 13.1 39.3
 91 37.4 10.7 32.1#

