

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019182.D
 Acq On : 21 Aug 2024 20:19
 Operator : SY/MD
 Sample : P3643-12
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 921-J-SD-0.5-1-081524

Quant Time: Aug 22 01:18:54 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	3527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	4790	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	3713	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	1662	47.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.622	113	1640	52.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.720%
50) Toluene-d8	10.109	98	5047	44.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.414	95	999	26.000	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	52.000%

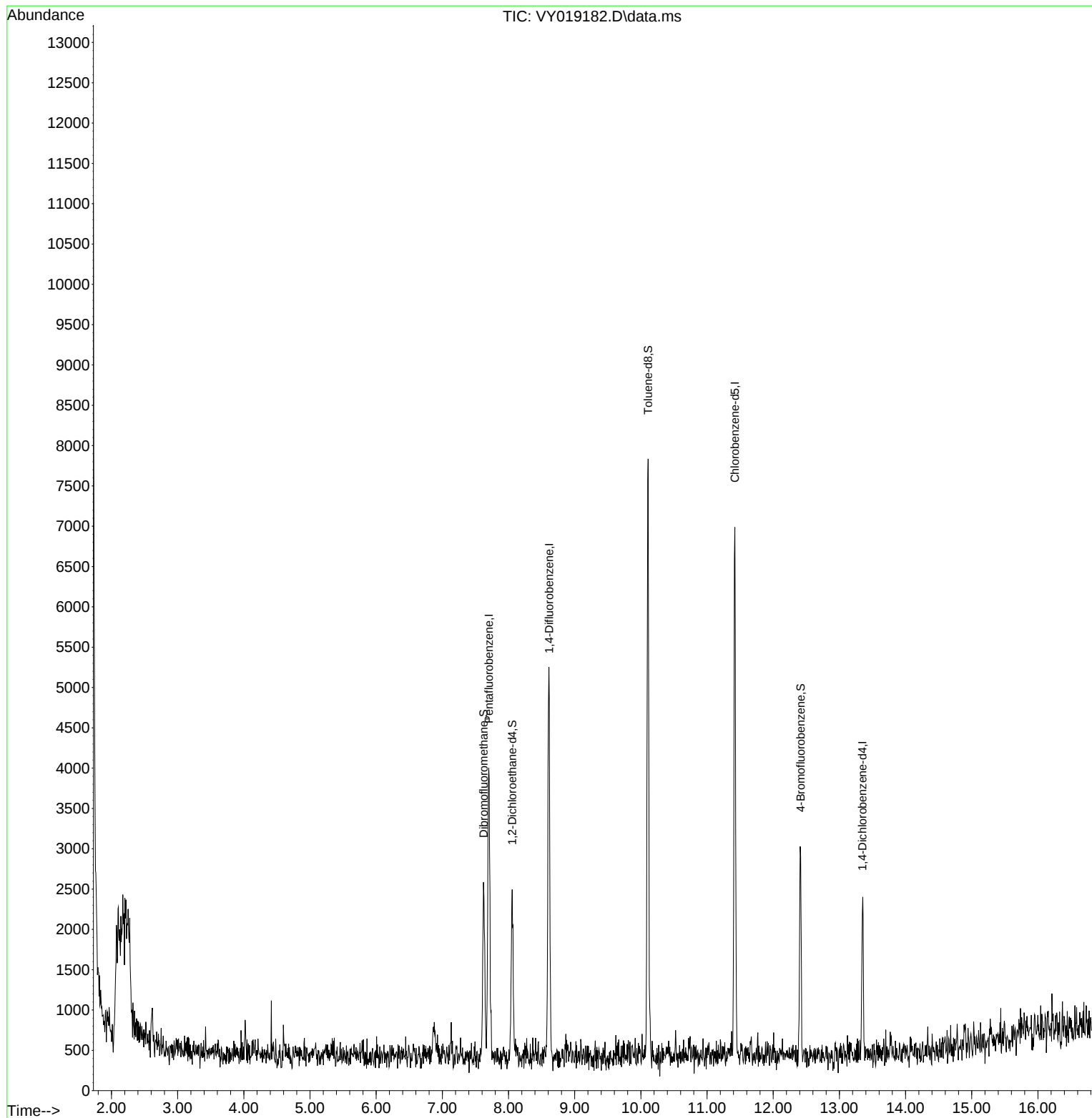
Target Compounds	Qvalue

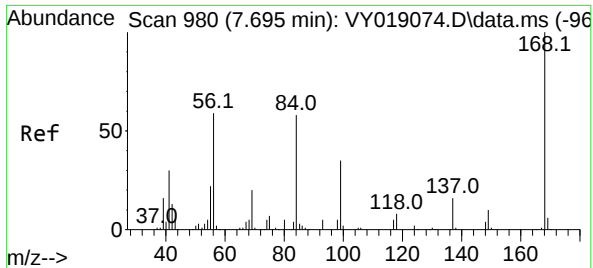
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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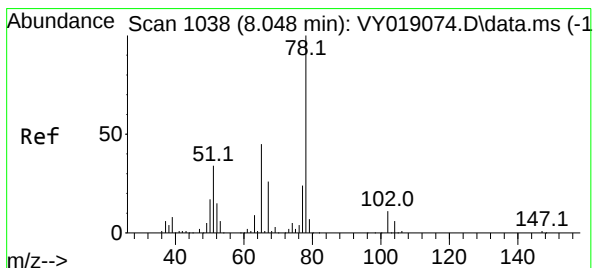
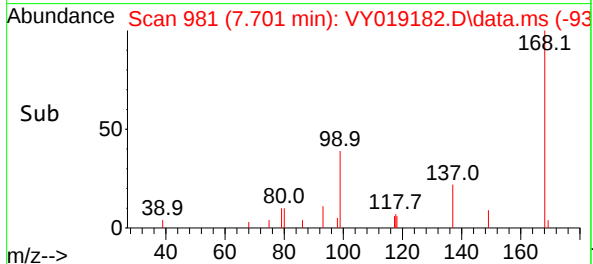
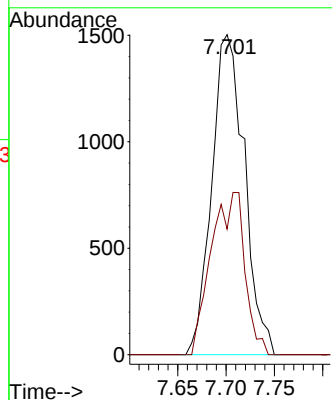
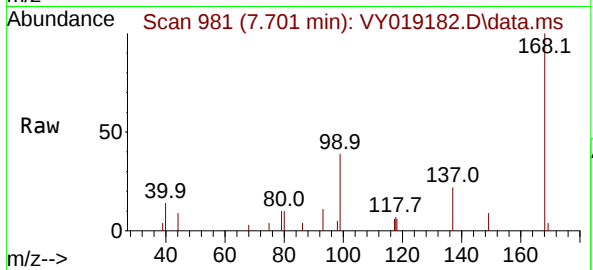




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019182.D
Acq: 21 Aug 2024 20:19

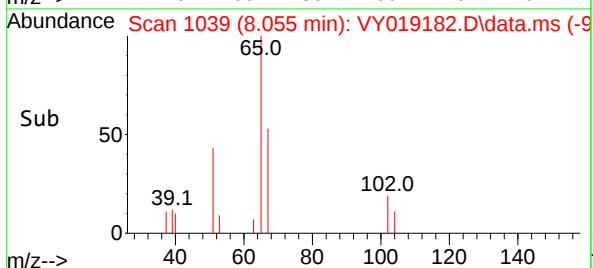
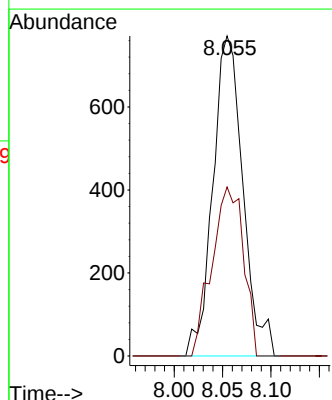
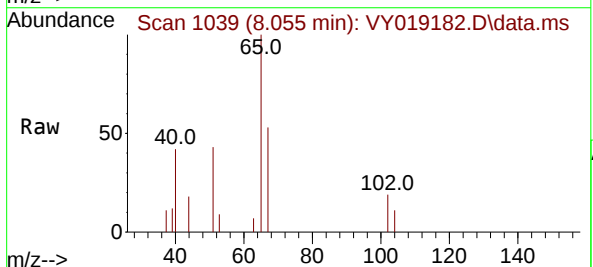
Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

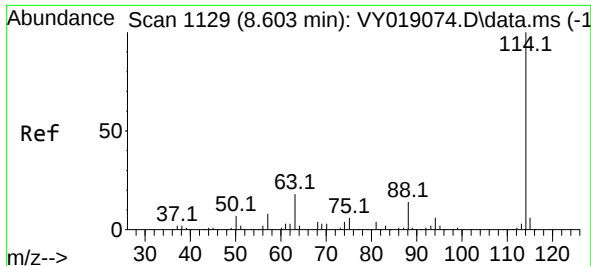
Tgt Ion:168 Resp: 3527
Ion Ratio Lower Upper
168 100
99 39.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.008 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019182.D
Acq: 21 Aug 2024 20:19

Tgt Ion: 65 Resp: 1662
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY019182.D

Acq: 21 Aug 2024 20:19

Instrument :

MSVOA_Y

ClientSampleId :

921-J-SD-0.5-1-081524

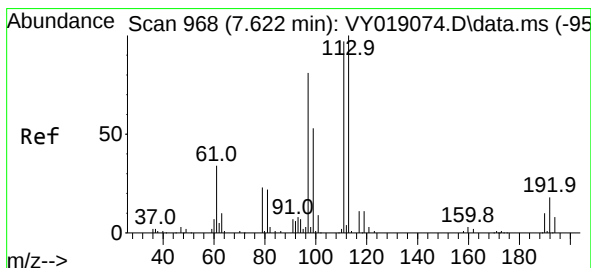
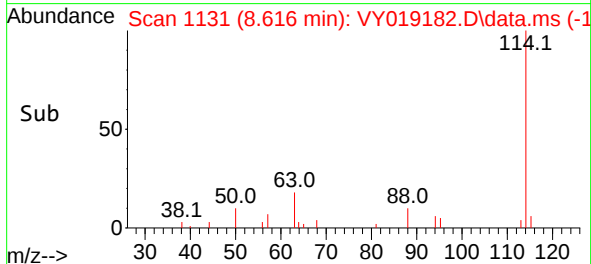
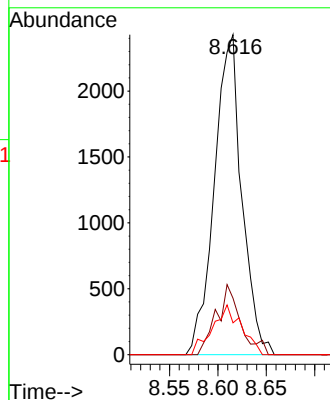
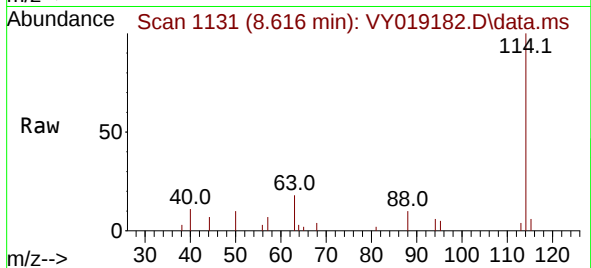
Tgt Ion:114 Resp: 4790

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 10.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.363 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019182.D

Acq: 21 Aug 2024 20:19

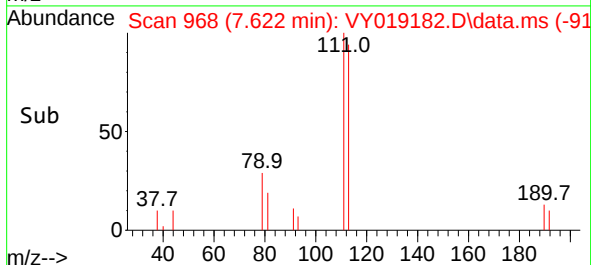
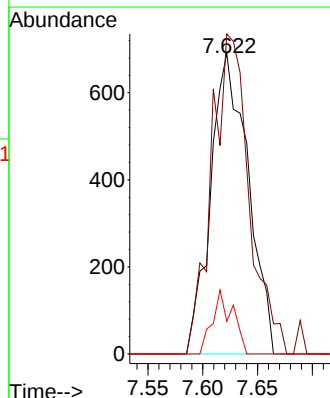
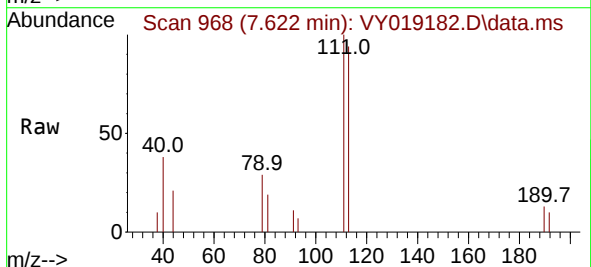
Tgt Ion:113 Resp: 1640

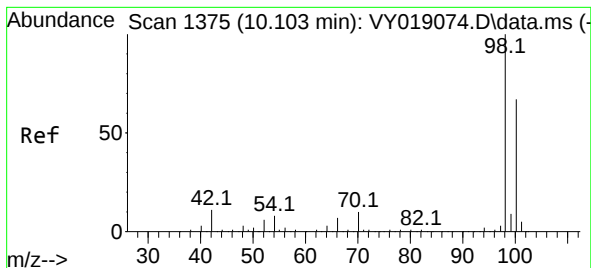
Ion Ratio Lower Upper

113 100

111 106.5 82.2 123.4

192 11.5 15.9 23.9#





#50

Toluene-d8

Concen: 44.779 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019182.D

Acq: 21 Aug 2024 20:19

Instrument :

MSVOA_Y

ClientSampleId :

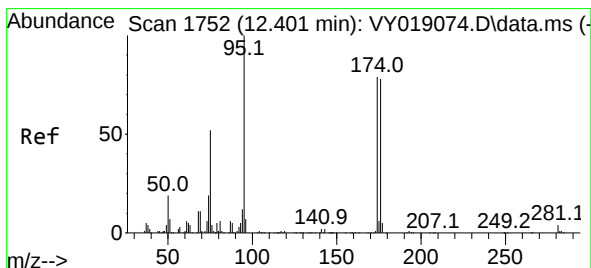
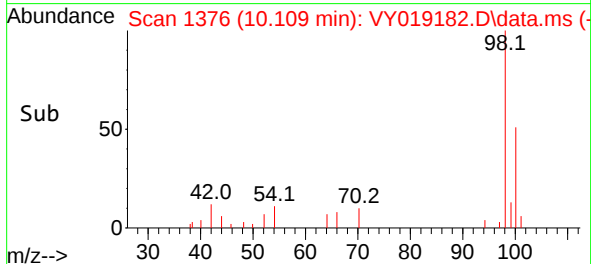
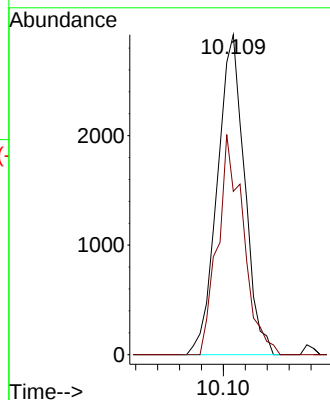
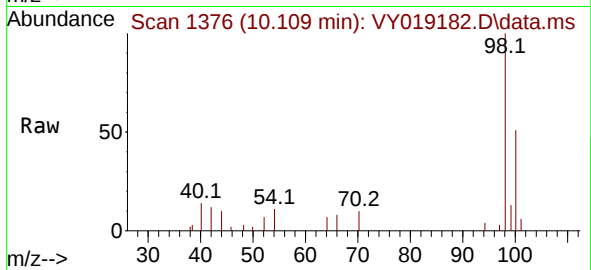
921-J-SD-0.5-1-081524

Tgt Ion: 98 Resp: 5047

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 26.000 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY019182.D

Acq: 21 Aug 2024 20:19

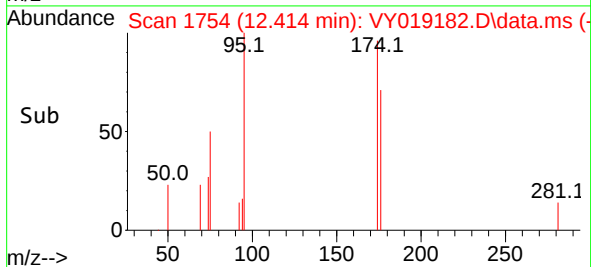
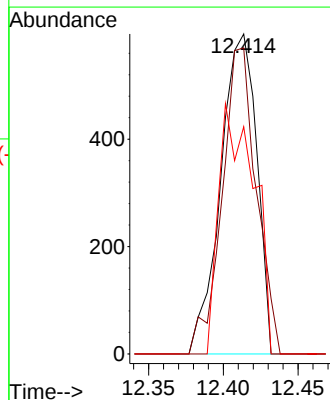
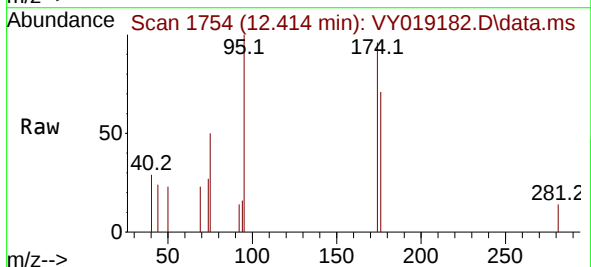
Tgt Ion: 95 Resp: 999

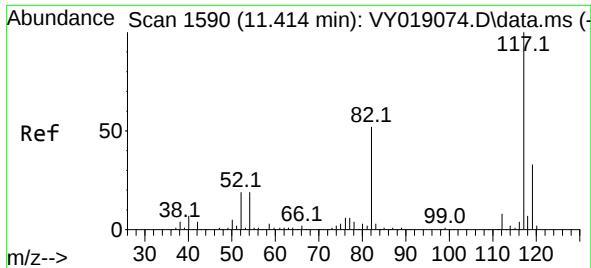
Ion Ratio Lower Upper

95 100

174 91.2 0.0 175.6

176 77.3 0.0 171.4

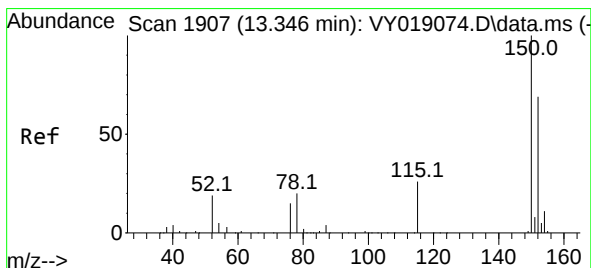
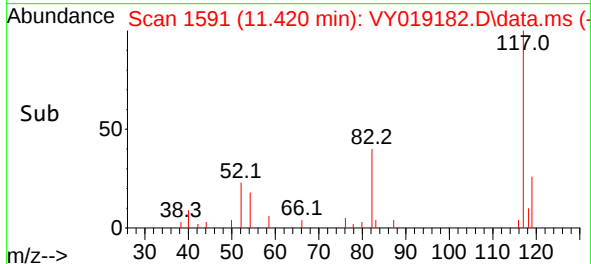
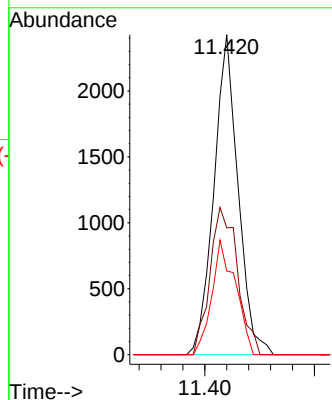
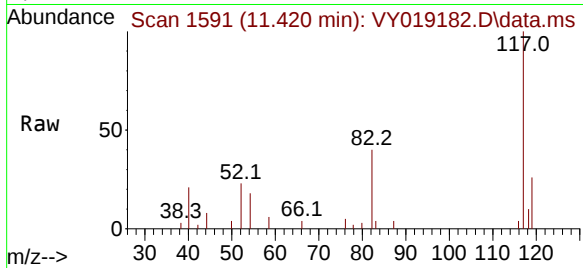




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019182.D
Acq: 21 Aug 2024 20:19

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 3713
Ion Ratio Lower Upper
117 100
82 39.6 42.4 63.6#
119 26.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019182.D
Acq: 21 Aug 2024 20:19

Tgt Ion:152 Resp: 649
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 157.6 0.0 345.6

