

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019167.D
 Acq On : 21 Aug 2024 14:12
 Operator : SY/MD
 Sample : VY0821SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBL01

Quant Time: Aug 22 04:50:18 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	93043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	165482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	150257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	57062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	47419	50.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.622	113	52570	48.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.180%
50) Toluene-d8	10.103	98	186704	47.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.408	95	56191	42.332	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.660%

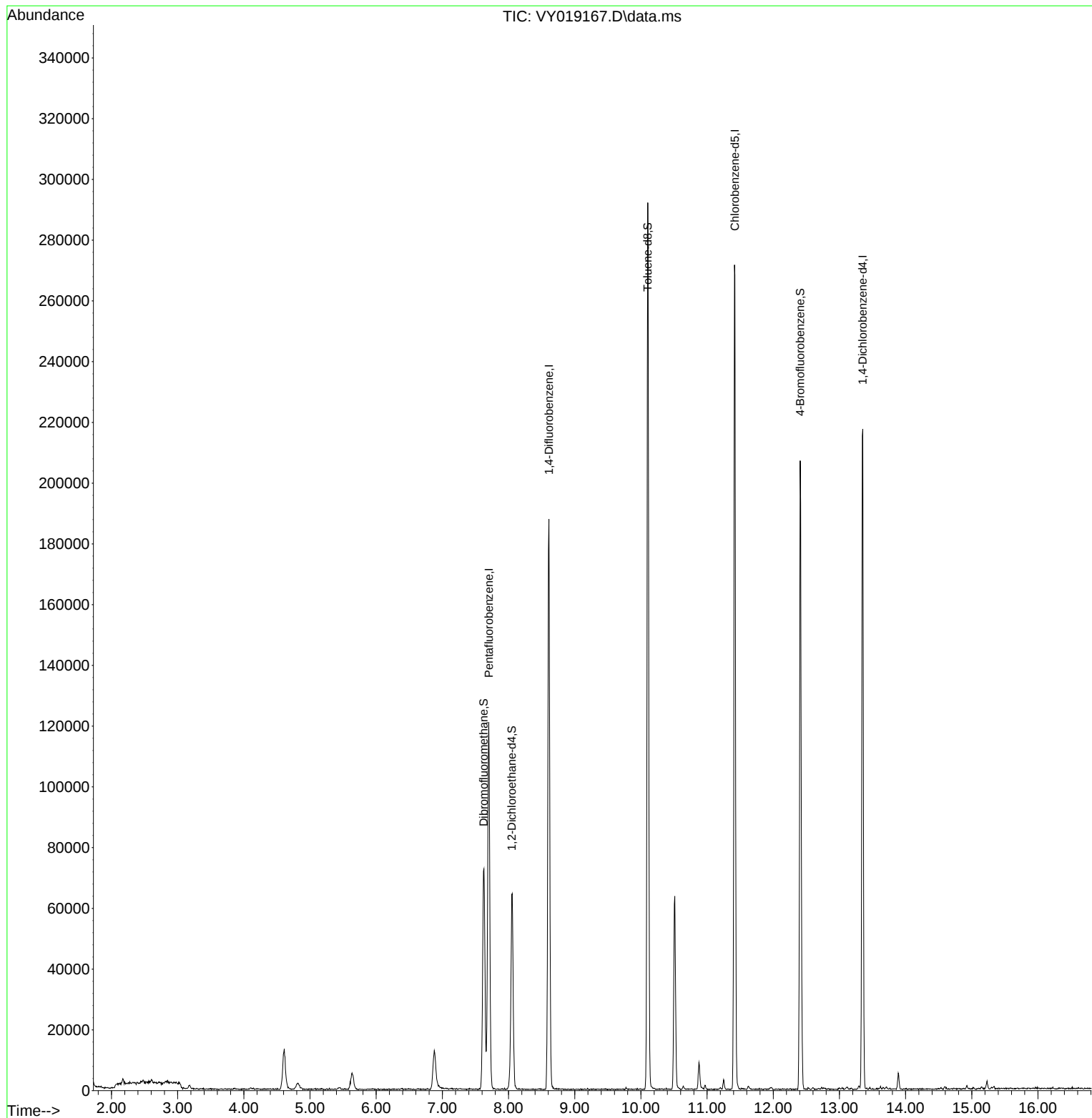
Target Compounds	Qvalue

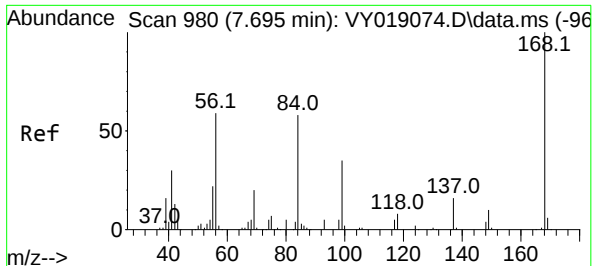
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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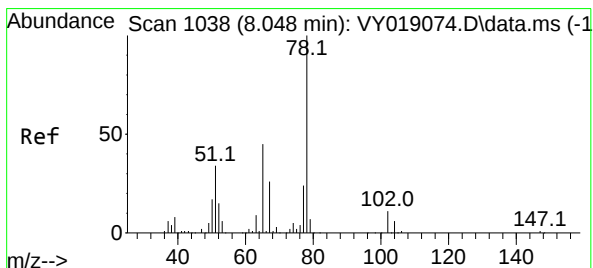
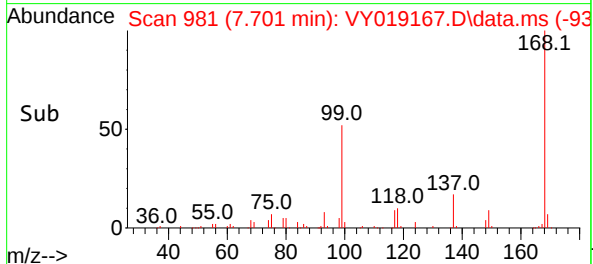
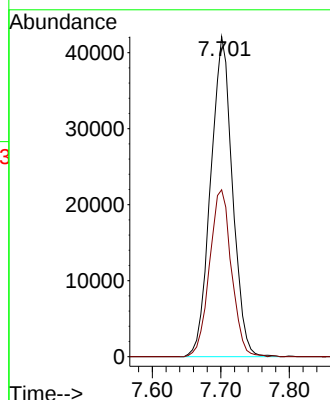
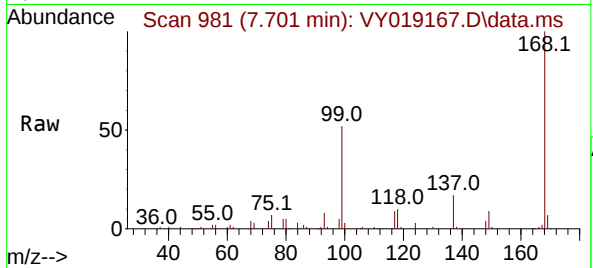




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019167.D
Acq: 21 Aug 2024 14:12

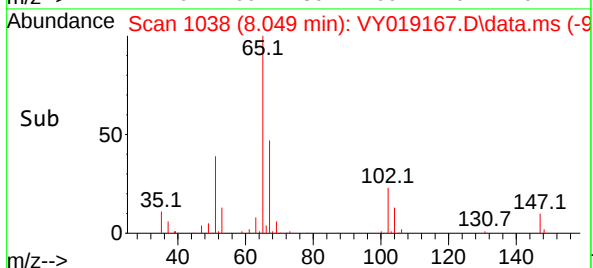
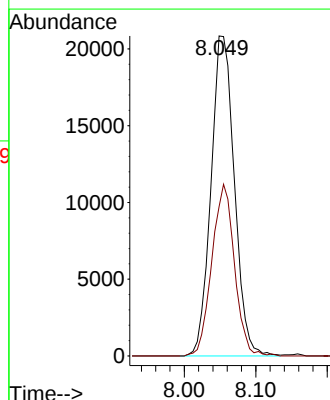
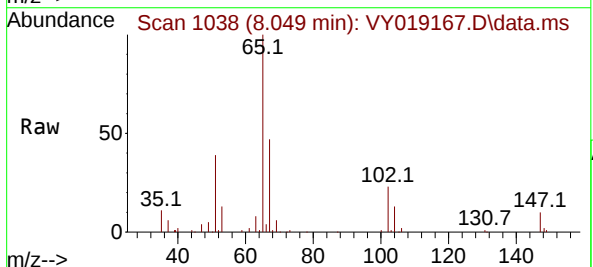
Instrument :
MSVOA_Y
ClientSampleId :
VY0821SBL01

Tgt Ion:168 Resp: 93043
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.841 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019167.D
Acq: 21 Aug 2024 14:12

Tgt Ion: 65 Resp: 47419
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019167.D

Acq: 21 Aug 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0821SBL01

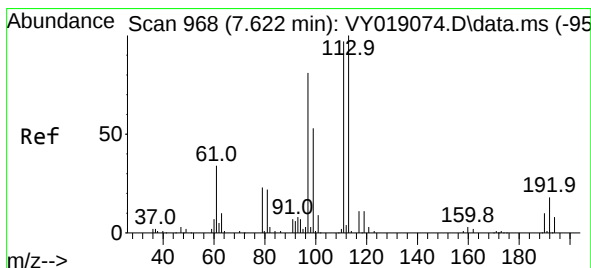
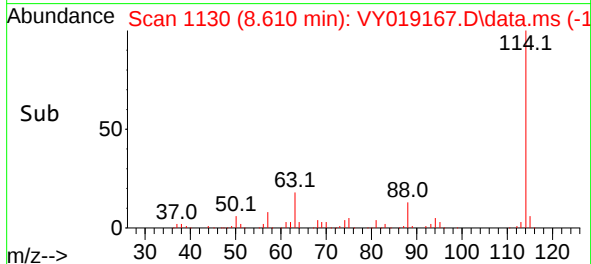
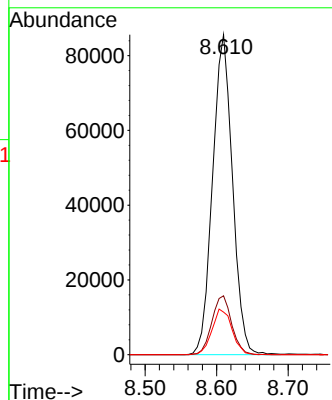
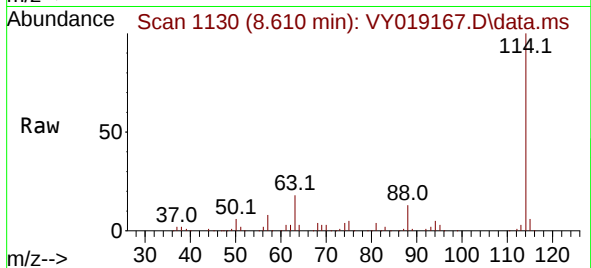
Tgt Ion:114 Resp: 165482

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.585 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019167.D

Acq: 21 Aug 2024 14:12

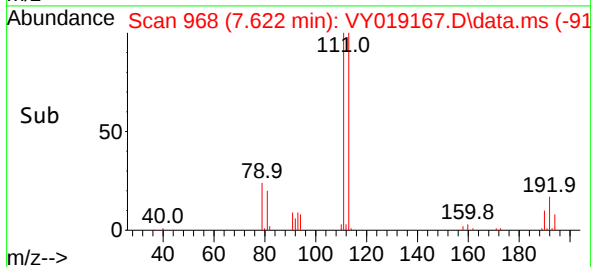
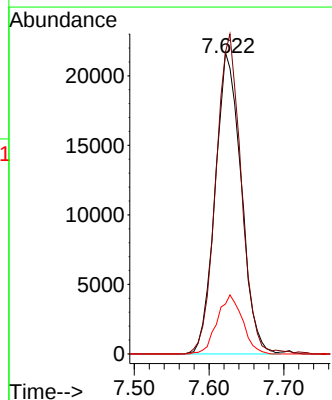
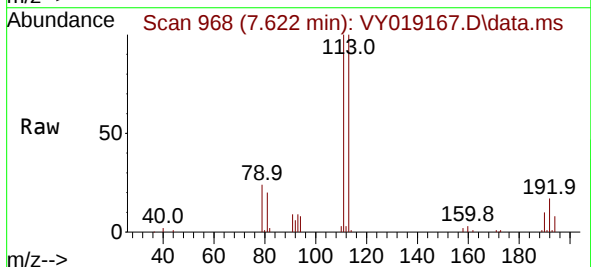
Tgt Ion:113 Resp: 52570

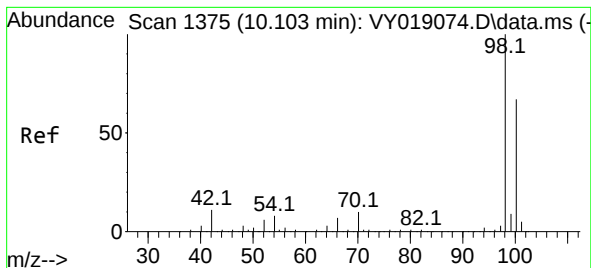
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 19.0 15.9 23.9

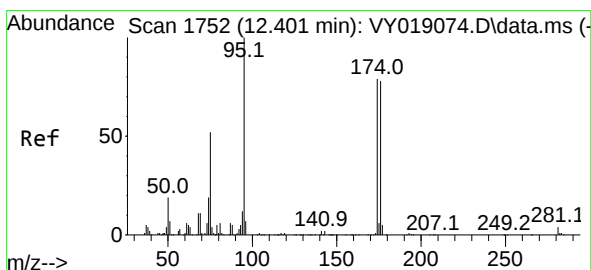
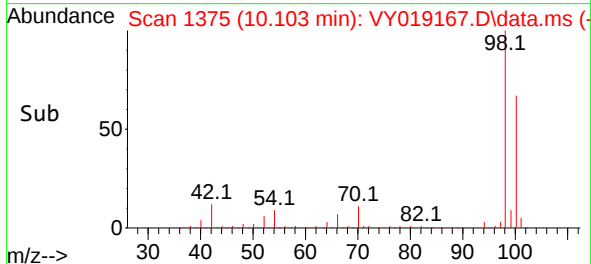
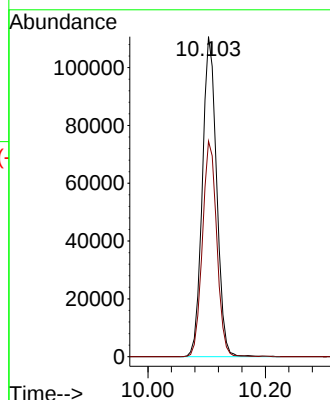
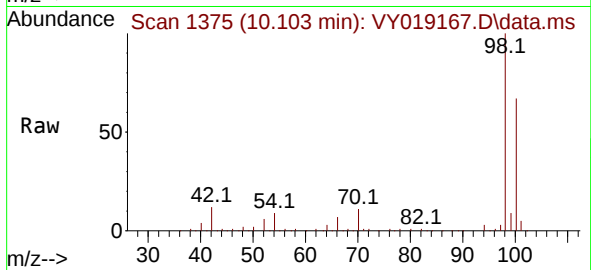




#50
Toluene-d8
Concen: 47.949 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019167.D
Acq: 21 Aug 2024 14:12

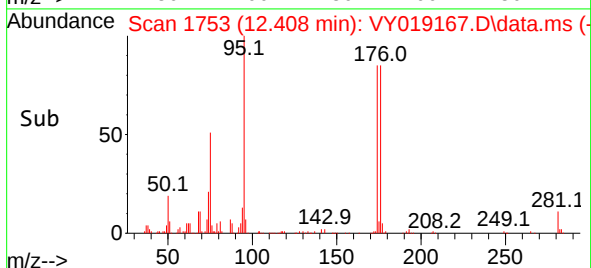
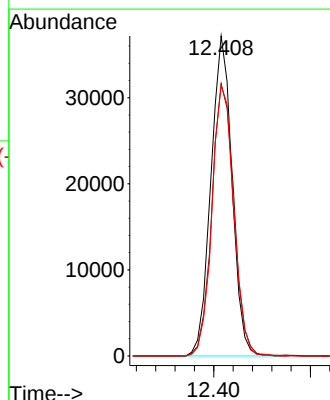
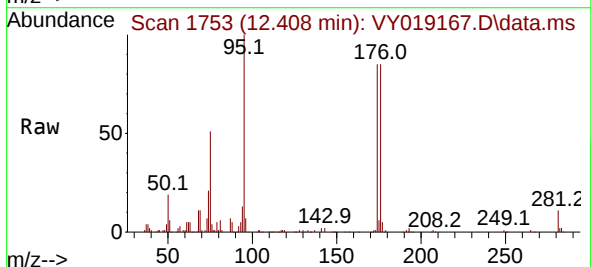
Instrument :
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VY0821SBL01

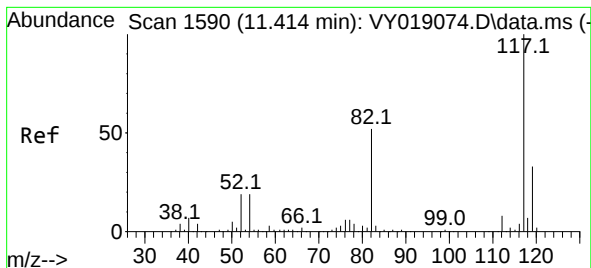
Tgt Ion: 98 Resp: 186704
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.332 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019167.D
Acq: 21 Aug 2024 14:12

Tgt Ion: 95 Resp: 56191
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.6
176 86.9 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: VY019167.D

Acq: 21 Aug 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0821SBL01

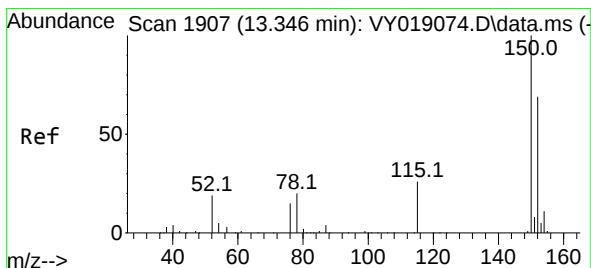
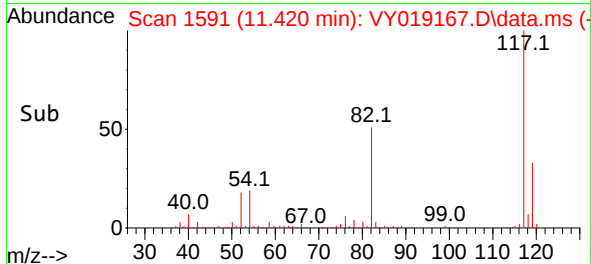
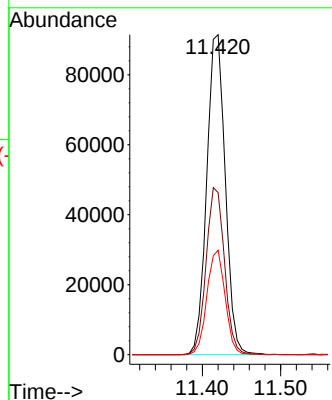
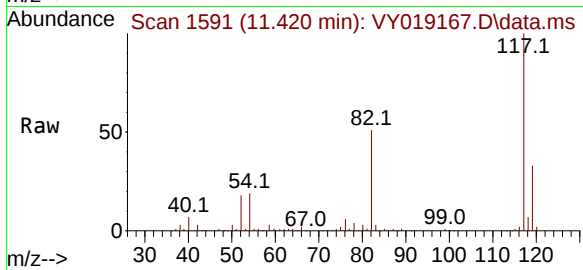
Tgt Ion:117 Resp: 150257

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019167.D

Acq: 21 Aug 2024 14:12

Tgt Ion:152 Resp: 57062

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 153.7 0.0 345.6

