

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019077.D
 Acq On : 15 Aug 2024 20:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 16 05:13:00 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	7.695	168	139105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	238218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	193792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	74023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	65596	47.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.622	113	75612	48.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.103	98	254435	45.392	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.402	95	75178	39.343	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.680%

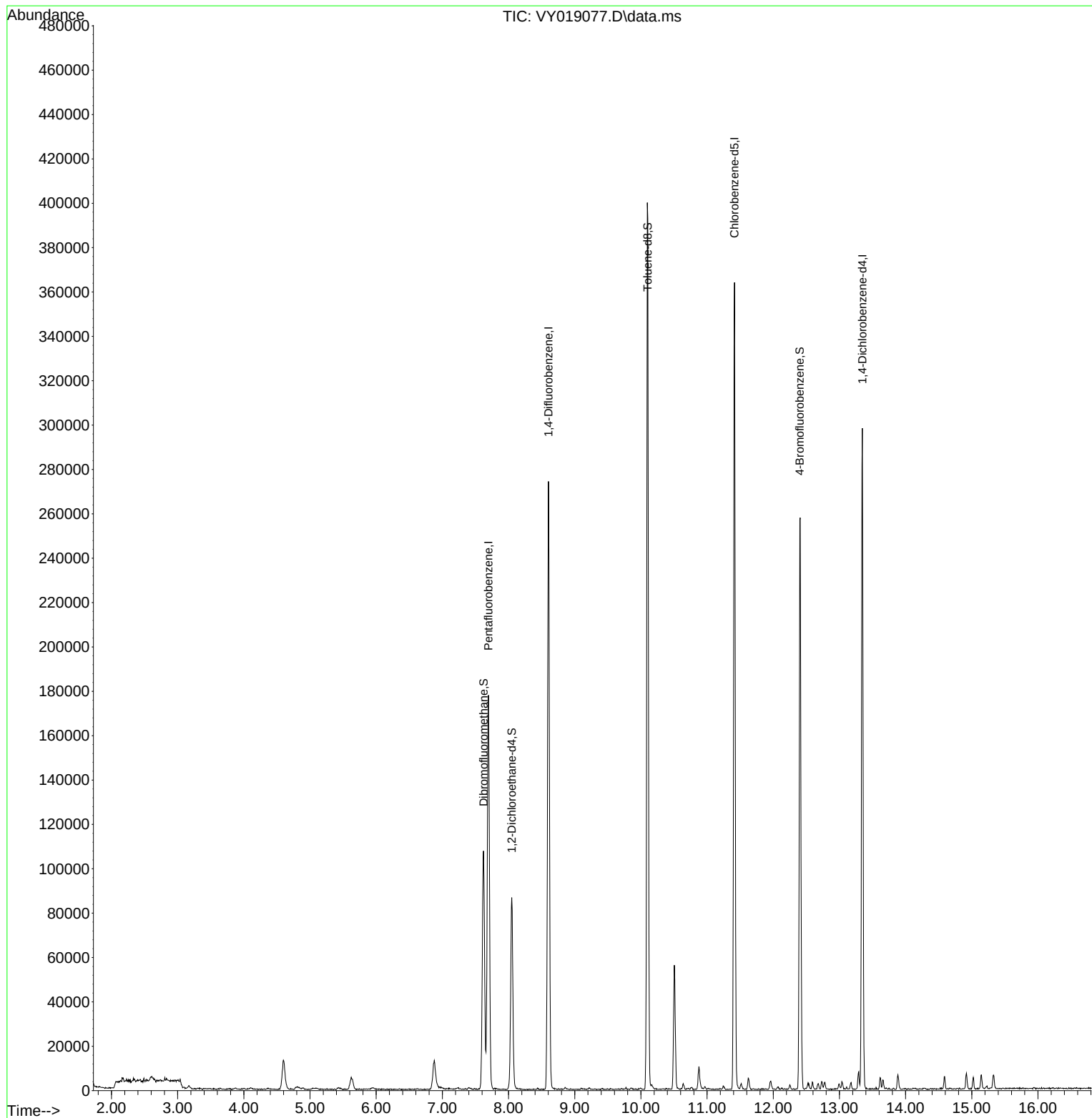
Target Compounds	Qvalue

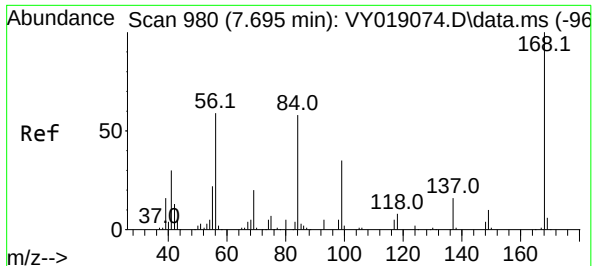
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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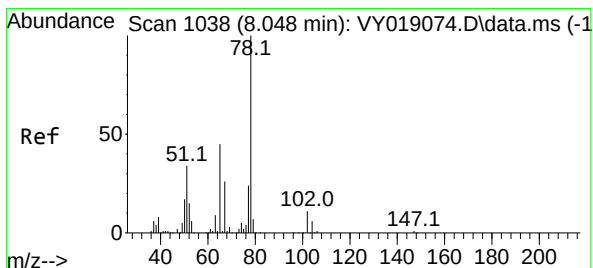
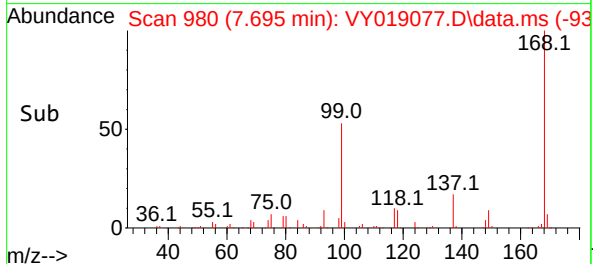
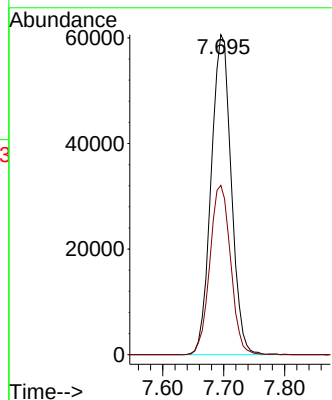
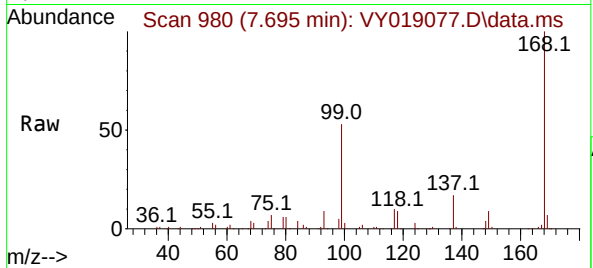




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019077.D
Acq: 15 Aug 2024 20:15

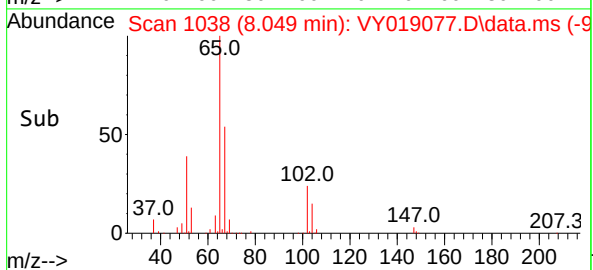
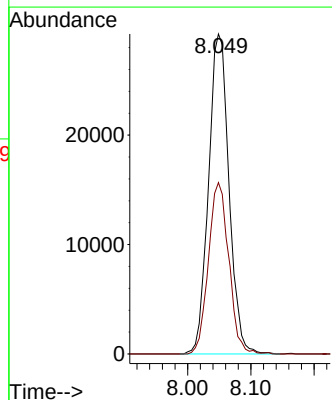
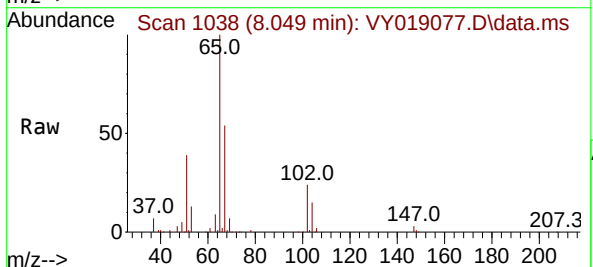
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

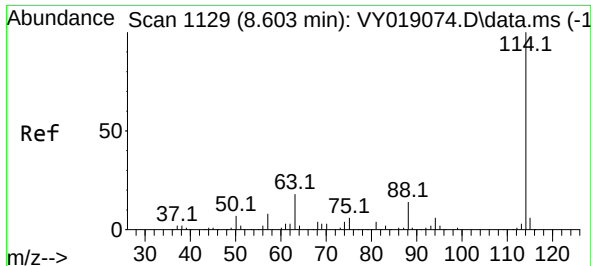
Tgt Ion:168 Resp: 139105
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.042 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019077.D
Acq: 15 Aug 2024 20:15

Tgt Ion: 65 Resp: 65596
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019077.D

Acq: 15 Aug 2024 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

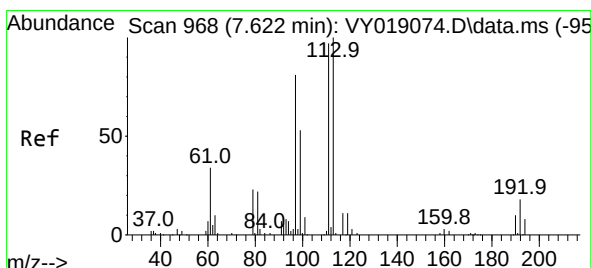
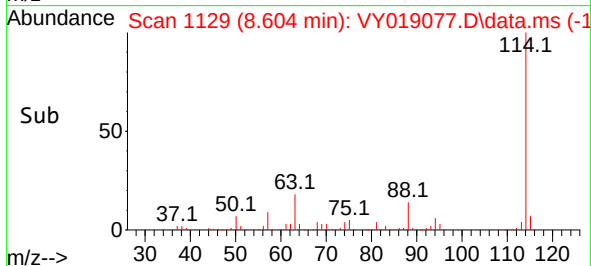
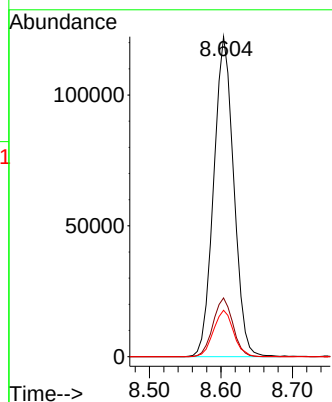
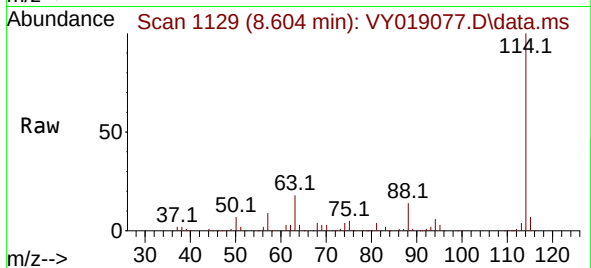
Tgt Ion:114 Resp: 238218

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.544 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019077.D

Acq: 15 Aug 2024 20:15

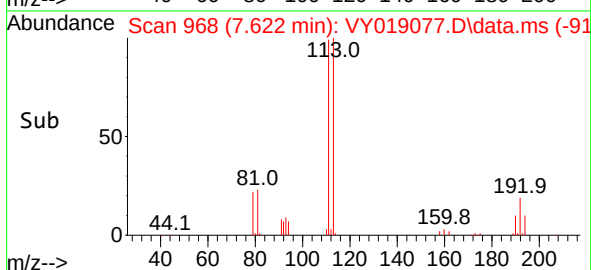
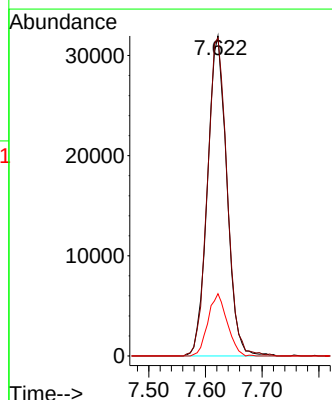
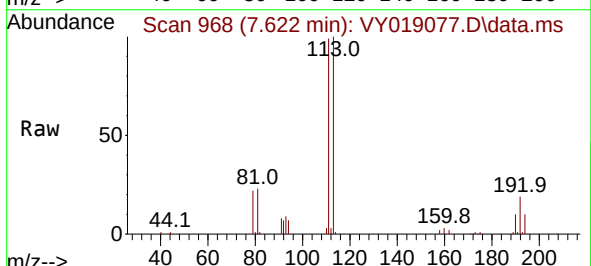
Tgt Ion:113 Resp: 75612

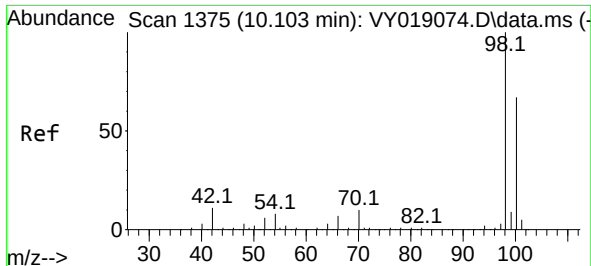
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 19.3 15.9 23.9

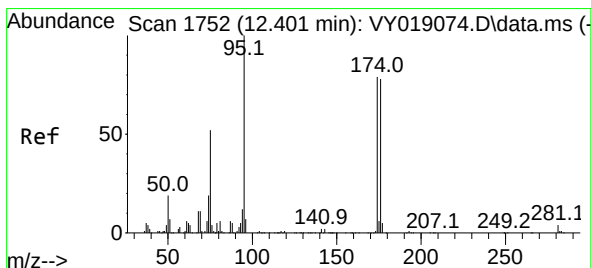
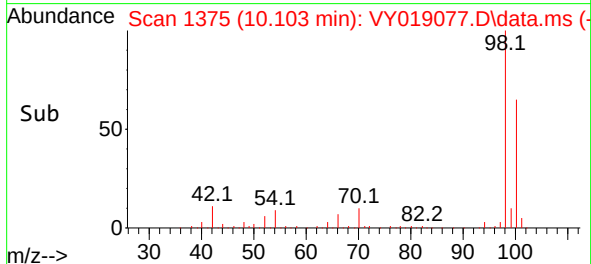
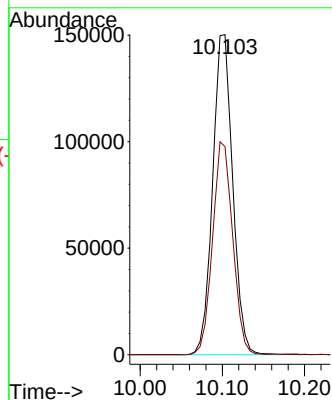
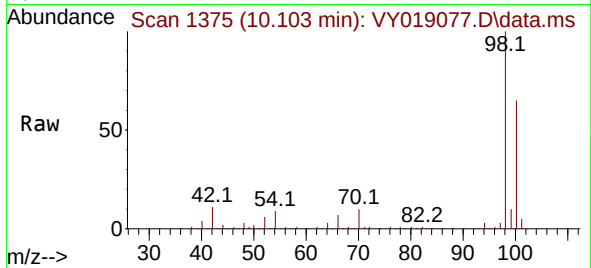




#50
Toluene-d8
Concen: 45.392 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019077.D
Acq: 15 Aug 2024 20:15

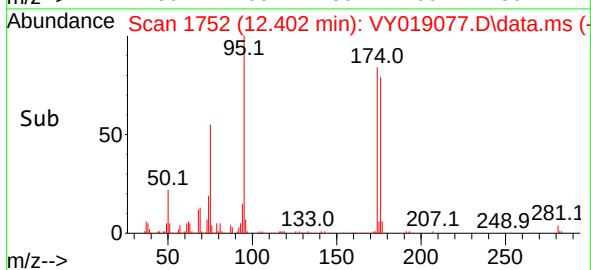
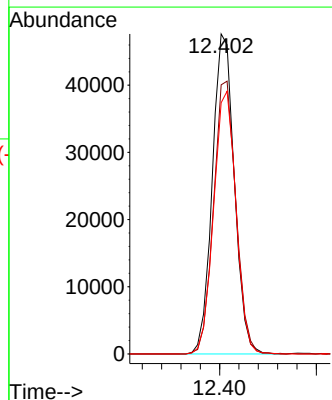
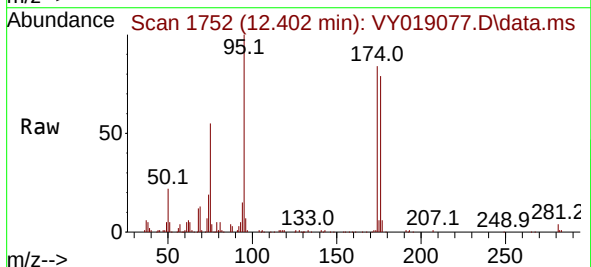
Instrument :
MSVOA_Y
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VIBLK

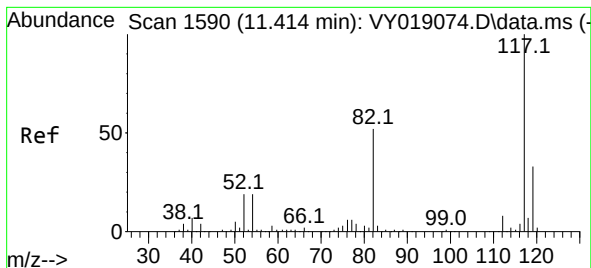
Tgt Ion: 98 Resp: 254435
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.343 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019077.D
Acq: 15 Aug 2024 20:15

Tgt Ion: 95 Resp: 75178
Ion Ratio Lower Upper
95 100
174 86.6 0.0 175.6
176 83.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019077.D

Acq: 15 Aug 2024 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

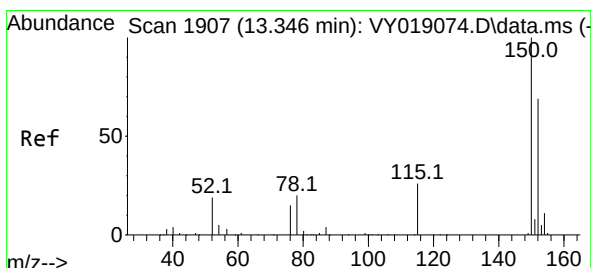
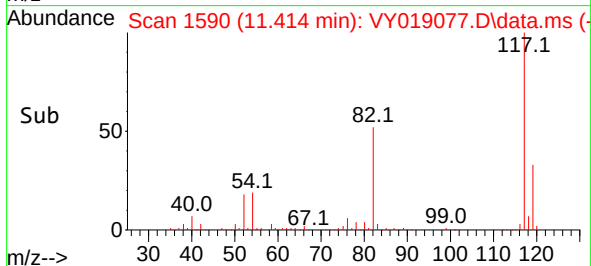
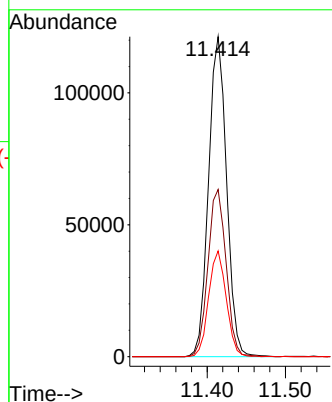
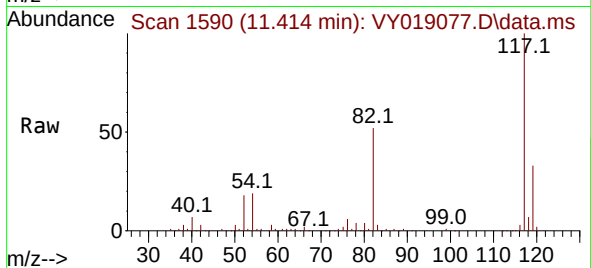
Tgt Ion:117 Resp: 193792

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 33.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019077.D

Acq: 15 Aug 2024 20:15

Tgt Ion:152 Resp: 74023

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 158.6 0.0 345.6

