

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019336.D
 Acq On : 28 Aug 2024 17:42
 Operator : SY/MD
 Sample : P3686-01
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DNB-47-7FT

Quant Time: Aug 29 01:36:59 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	137976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	251048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	233773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	79975	57.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.640%
35) Dibromofluoromethane	7.622	113	78657	47.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.103	98	285749	48.373	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.401	95	95339	47.344	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.680%

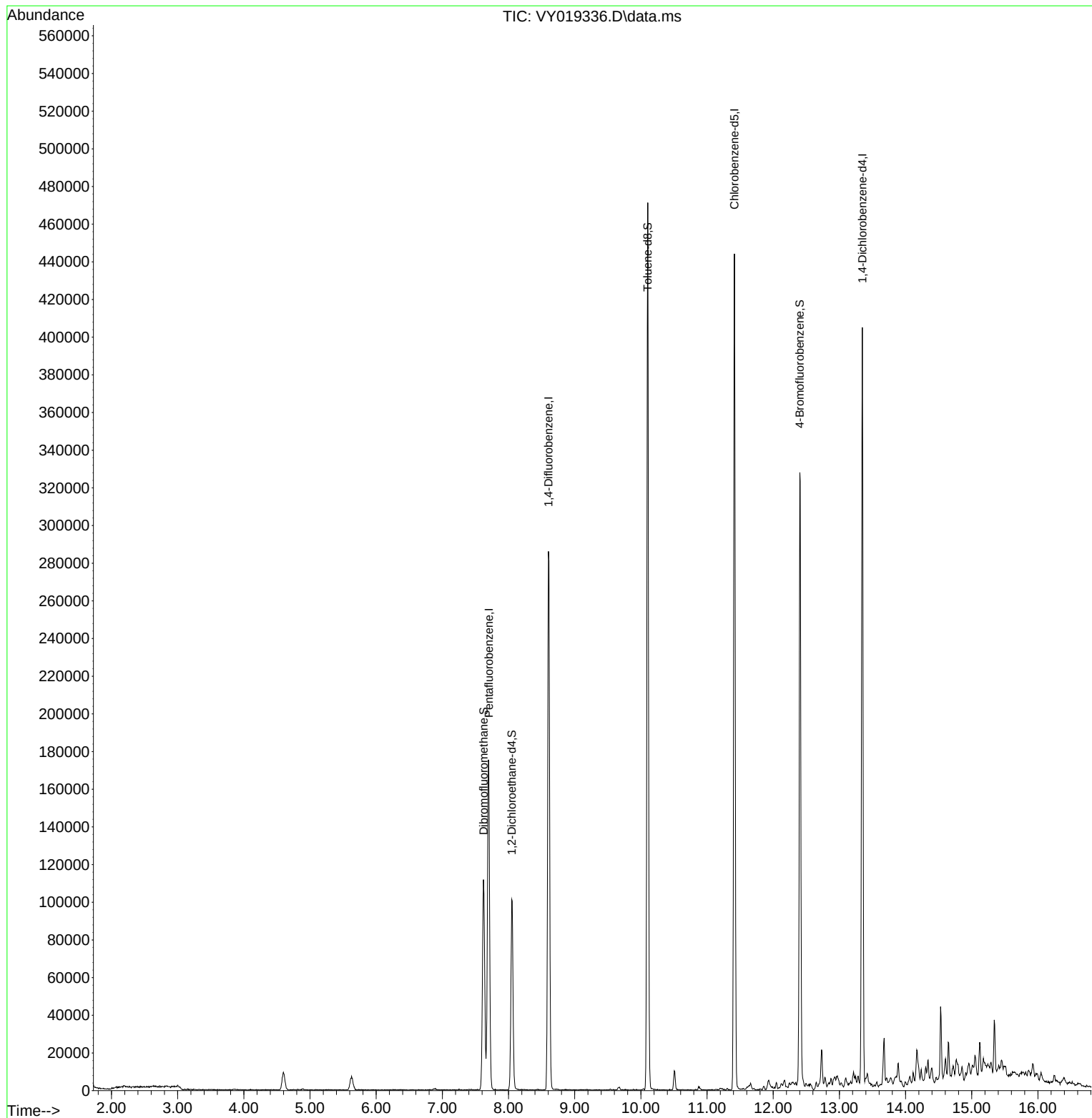
Target Compounds	Qvalue

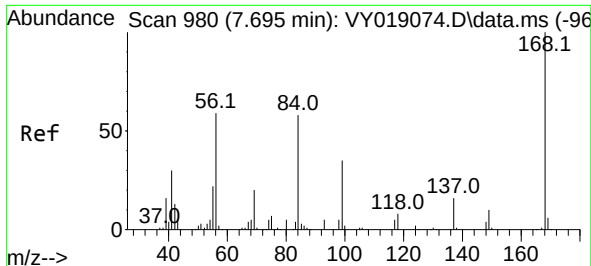
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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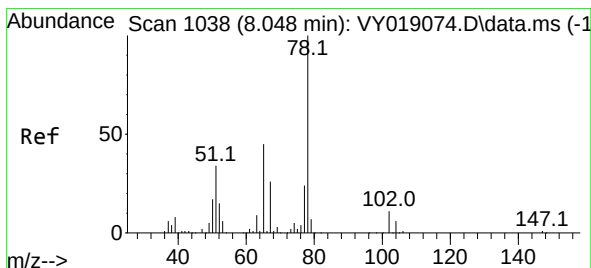
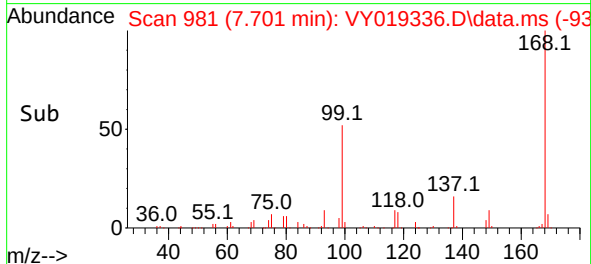
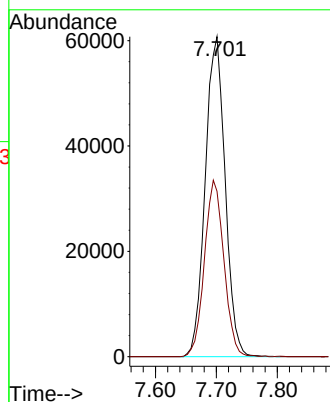
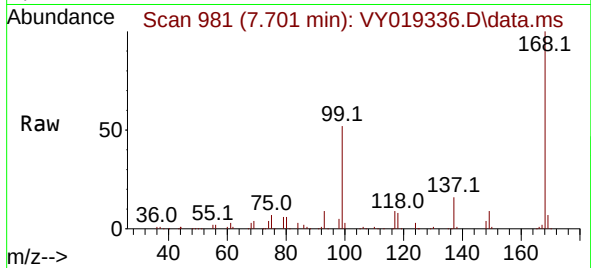




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019336.D
Acq: 28 Aug 2024 17:42

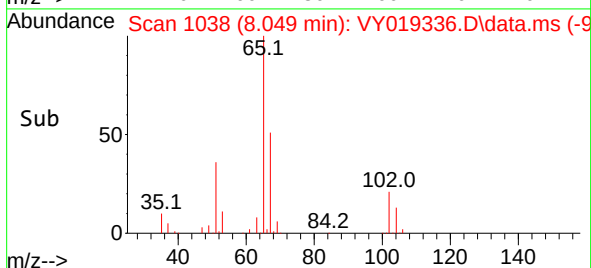
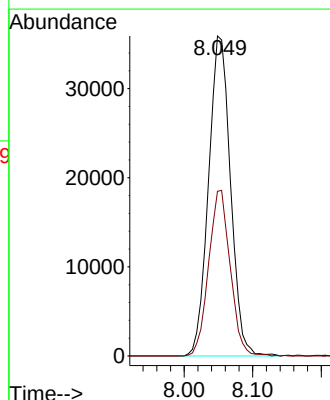
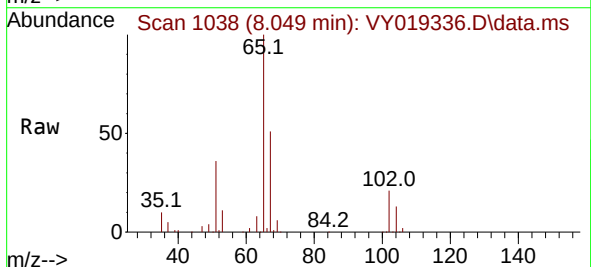
Instrument :
MSVOA_Y
ClientSampleId :
DNB-47-7FT

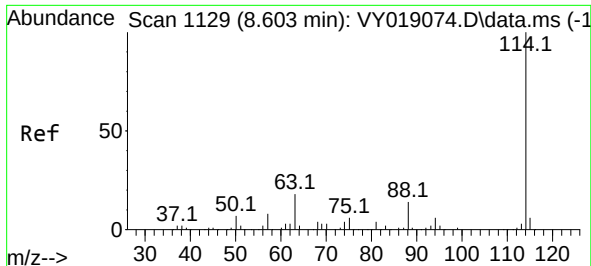
Tgt Ion:168 Resp: 137976
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.823 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019336.D
Acq: 28 Aug 2024 17:42

Tgt Ion: 65 Resp: 79975
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019336.D

Acq: 28 Aug 2024 17:42

Instrument :

MSVOA_Y

ClientSampleId :

DNB-47-7FT

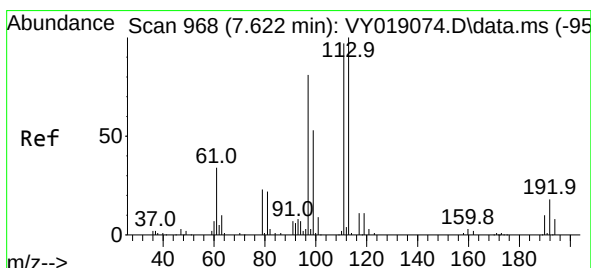
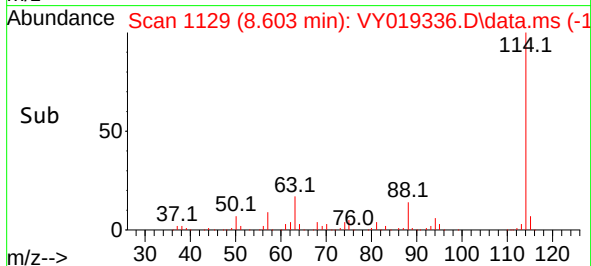
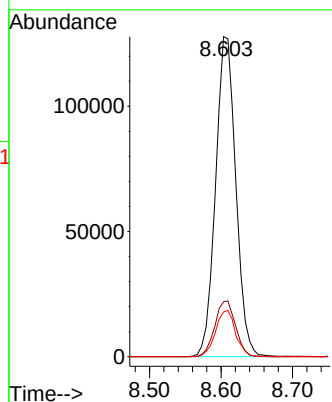
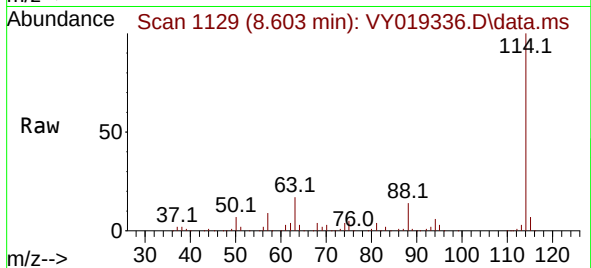
Tgt Ion:114 Resp: 251048

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.918 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019336.D

Acq: 28 Aug 2024 17:42

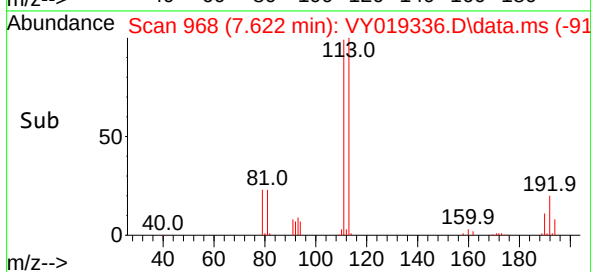
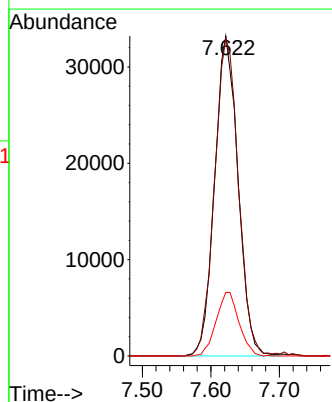
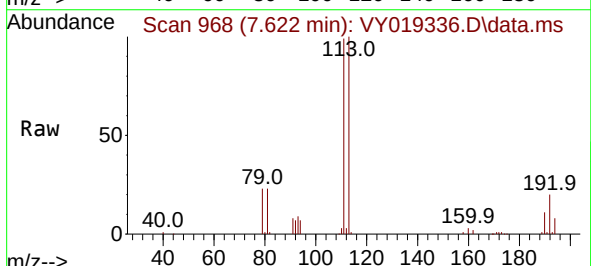
Tgt Ion:113 Resp: 78657

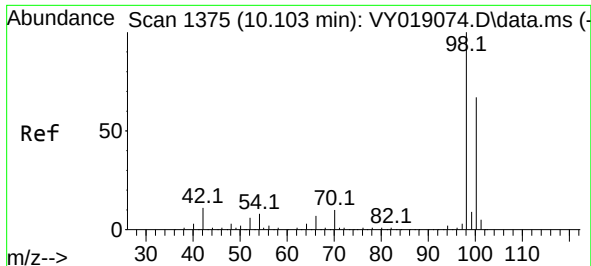
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 19.4 15.9 23.9

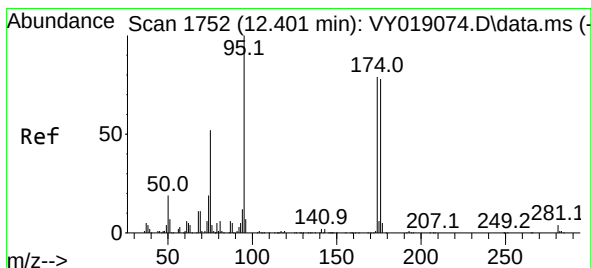
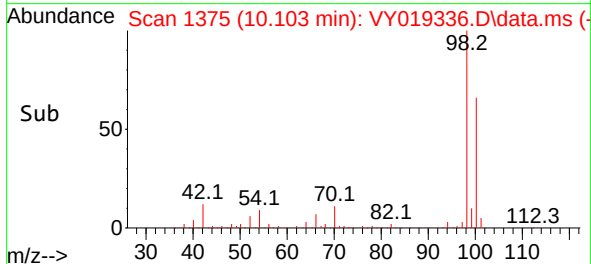
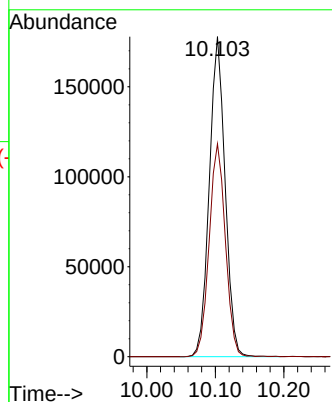
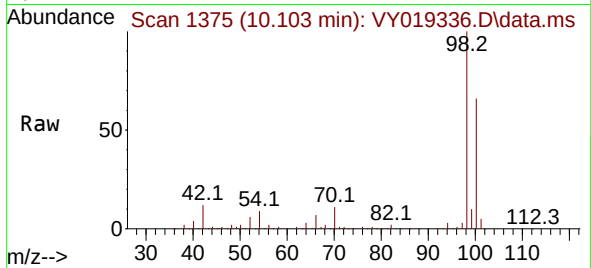




#50
Toluene-d8
Concen: 48.373 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019336.D
Acq: 28 Aug 2024 17:42

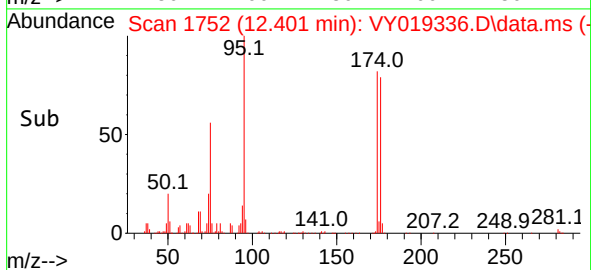
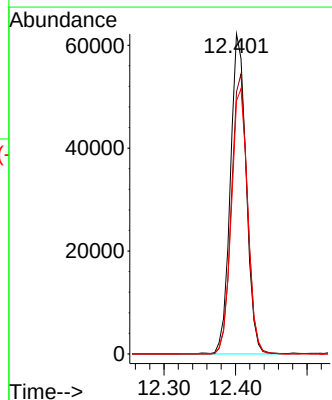
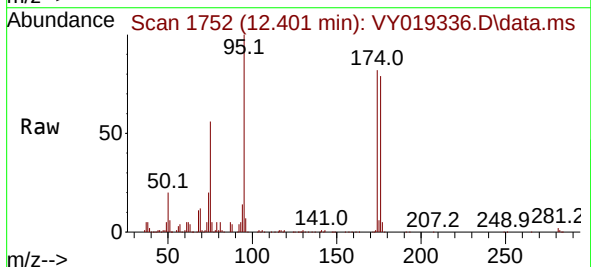
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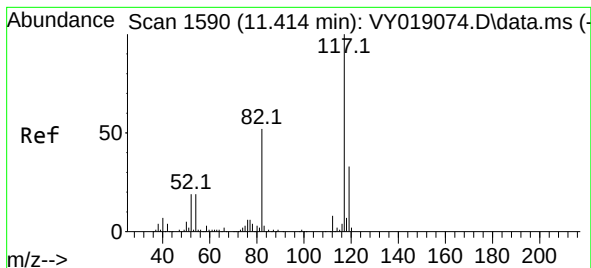
Tgt Ion: 98 Resp: 285749
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.344 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019336.D
Acq: 28 Aug 2024 17:42

Tgt Ion: 95 Resp: 95339
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 85.6 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: VY019336.D

Acq: 28 Aug 2024 17:42

Instrument :

MSVOA_Y

ClientSampleId :

DNB-47-7FT

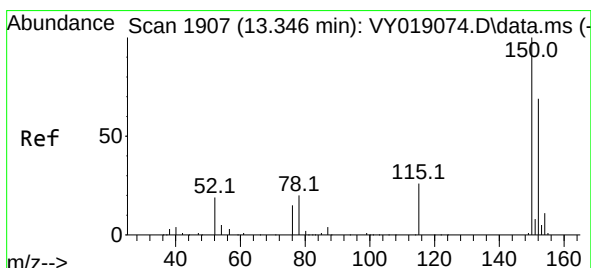
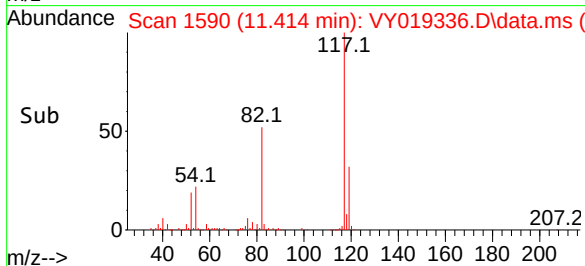
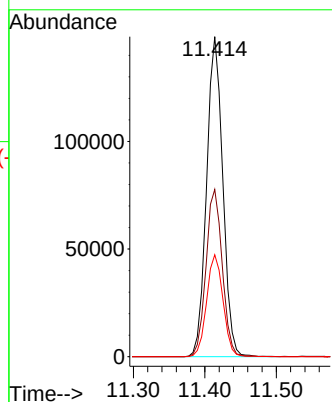
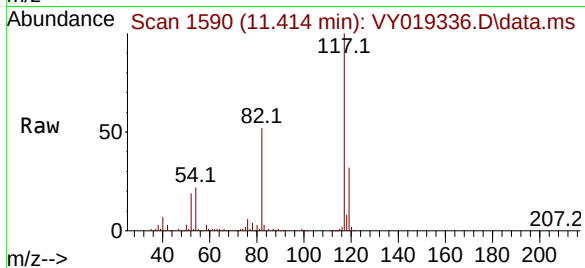
Tgt Ion:117 Resp: 233773

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 31.8 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: VY019336.D

Acq: 28 Aug 2024 17:42

Tgt Ion:152 Resp: 98696

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 158.9 0.0 345.6

