

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016911.D
 Acq On : 03 Jan 2024 15:46
 Operator : SY/MD
 Sample : P1006-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-010324

Quant Time: Jan 04 00:33:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.813	168	109813	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	234511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	221220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52375	48.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.740	113	59232	39.636	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.280%
50) Toluene-d8	10.197	98	215936	41.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.920%
62) 4-Bromofluorobenzene	12.495	95	65120	37.508	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.020%

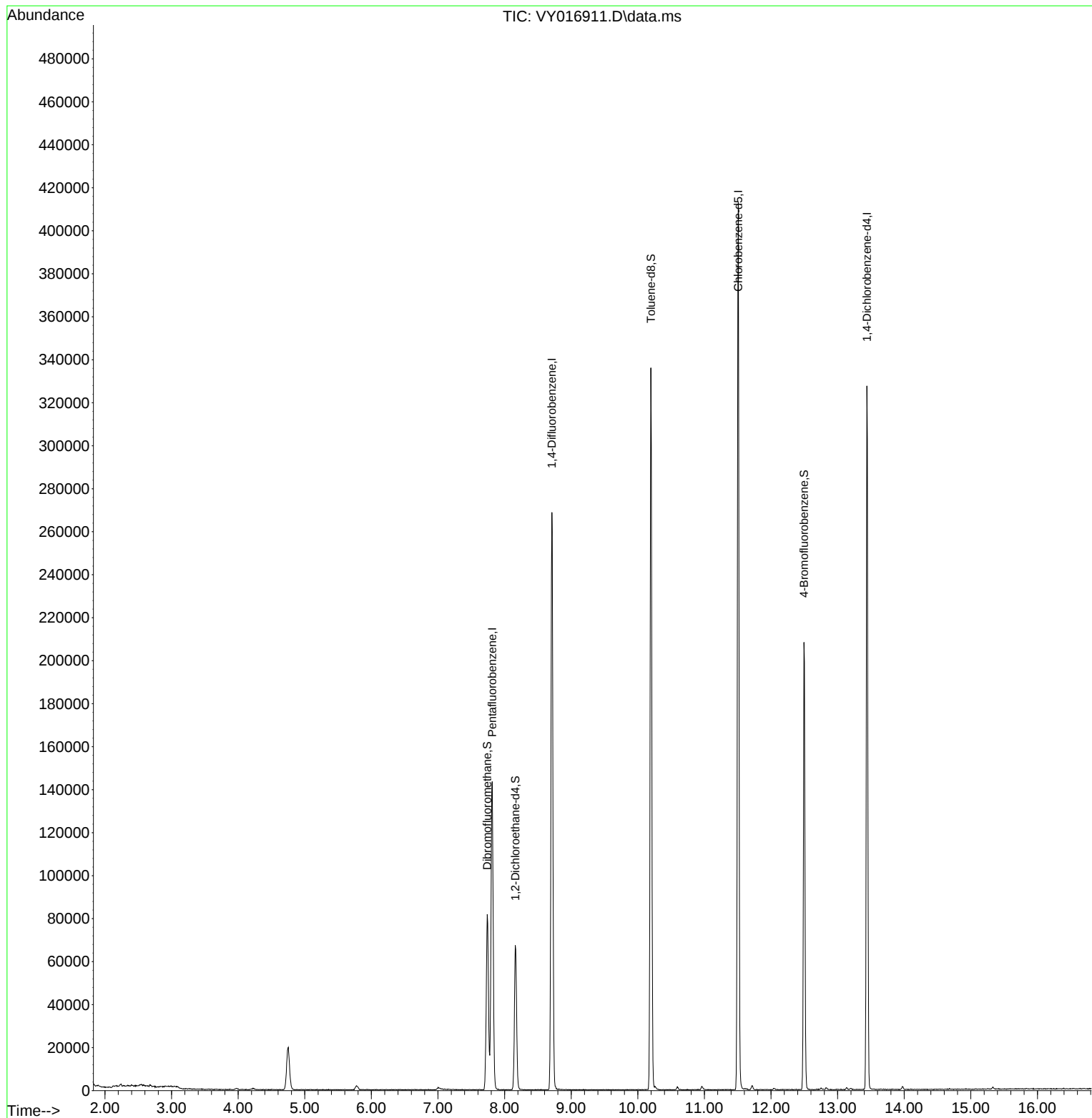
Target Compounds	Qvalue

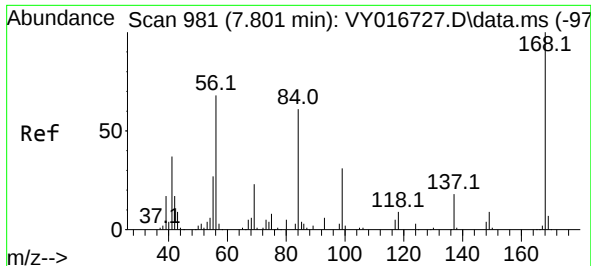
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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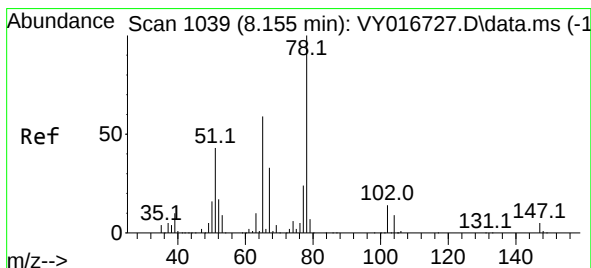
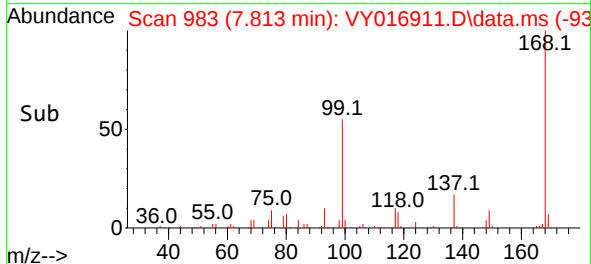
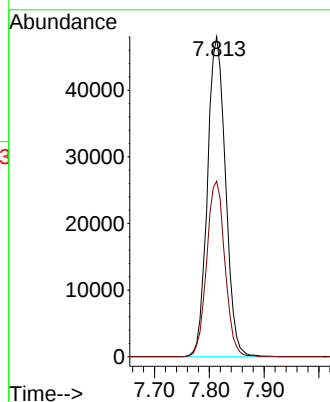
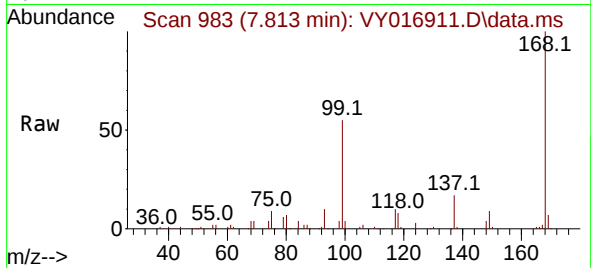




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

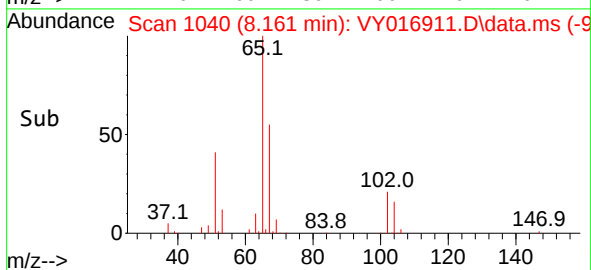
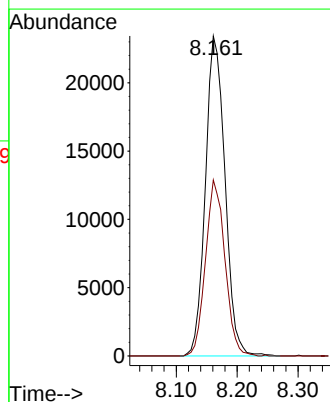
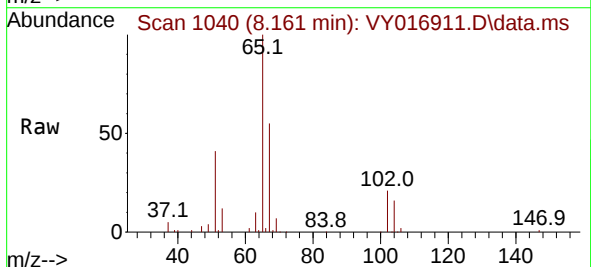
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-010324

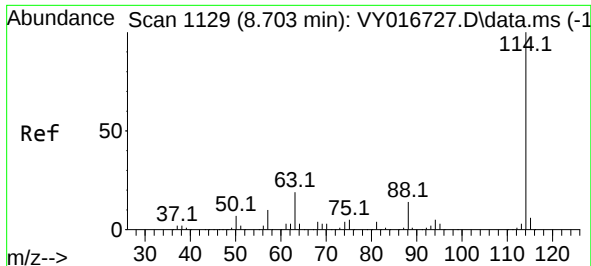
Tgt Ion:168 Resp: 109813
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.256 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

Tgt Ion: 65 Resp: 52375
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-010324

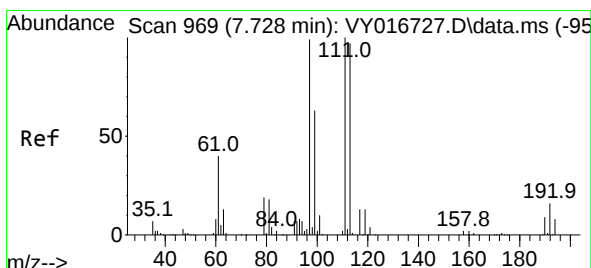
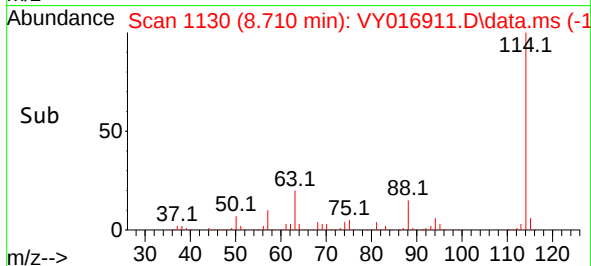
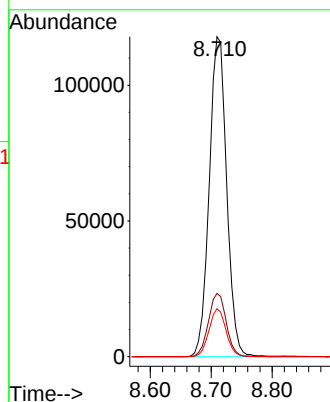
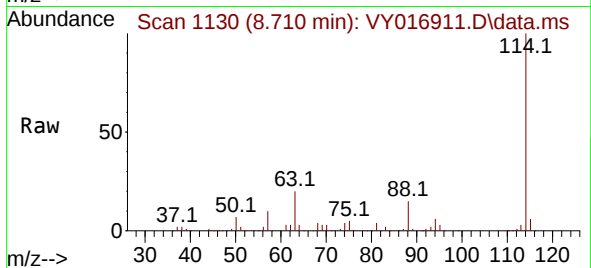
Tgt Ion:114 Resp: 234511

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.636 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

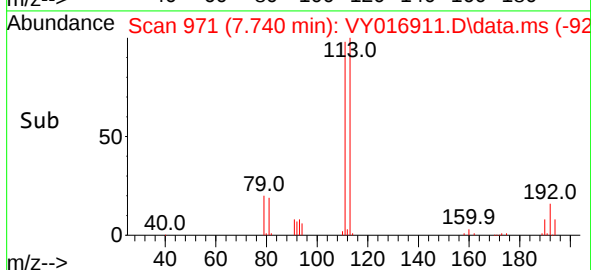
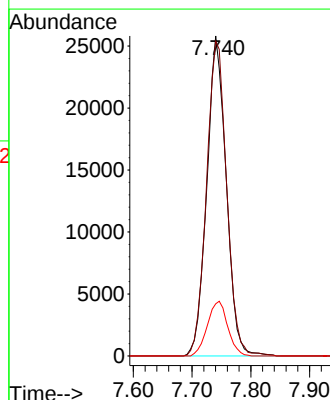
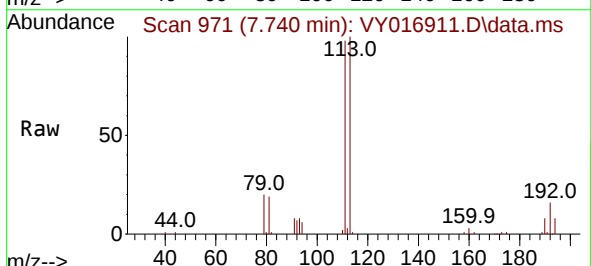
Tgt Ion:113 Resp: 59232

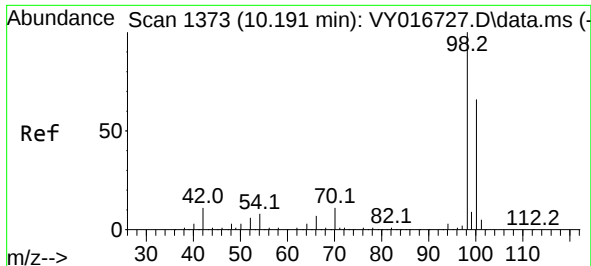
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.9 14.5 21.7

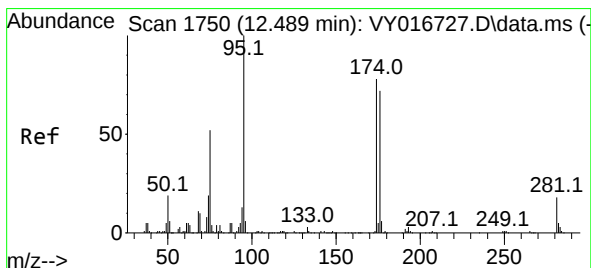
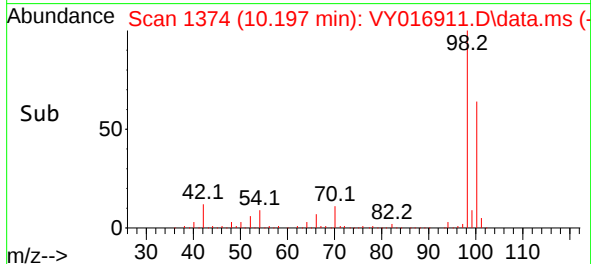
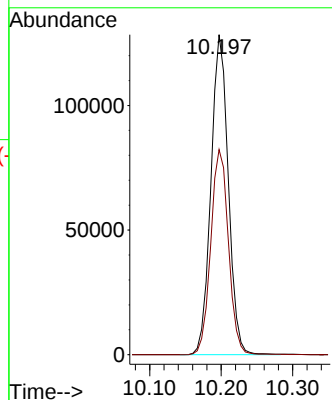
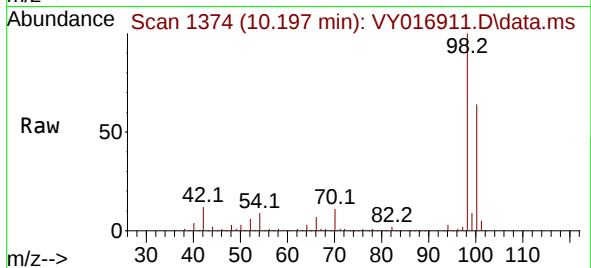




#50
Toluene-d8
Concen: 41.962 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

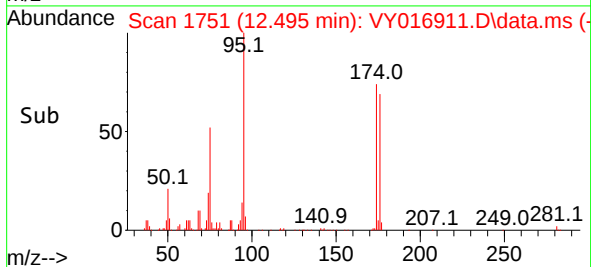
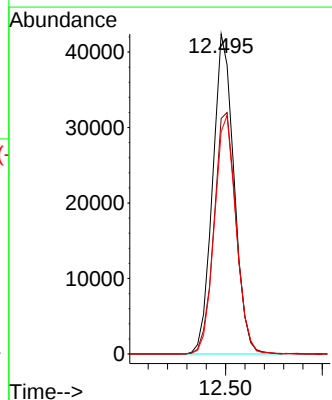
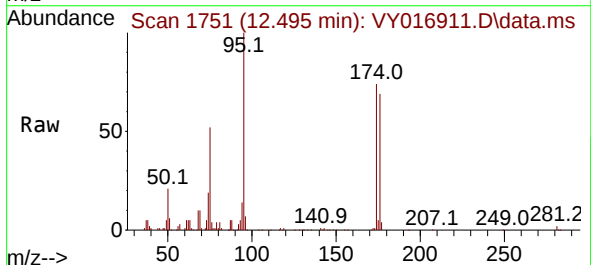
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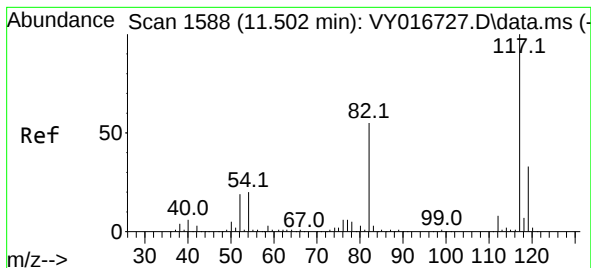
Tgt Ion: 98 Resp: 215936
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.508 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

Tgt Ion: 95 Resp: 65120
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.0
176 75.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-010324

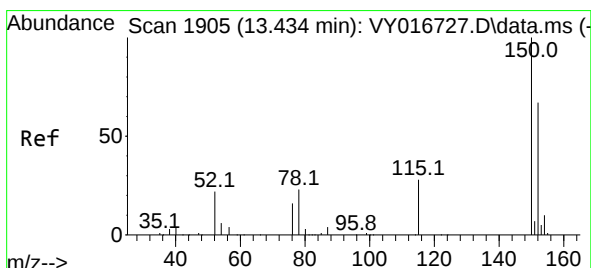
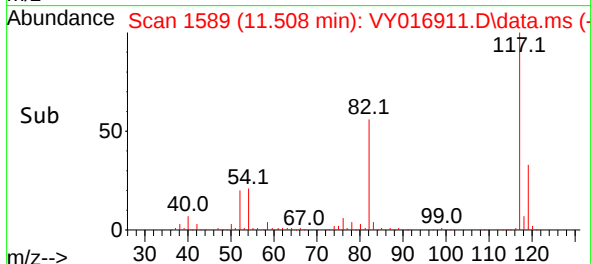
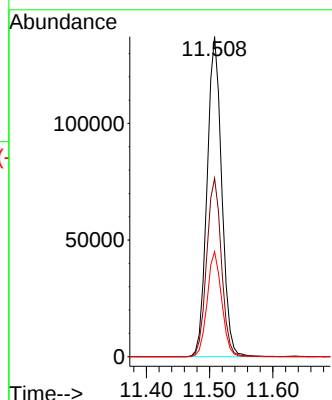
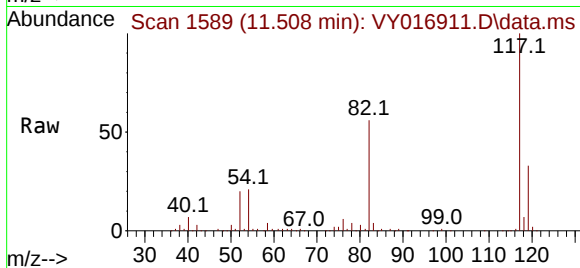
Tgt Ion:117 Resp: 221220

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 32.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

Tgt Ion:152 Resp: 81093

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 155.1 0.0 344.6

