

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012134.D
 Acq On : 10 Jan 2023 11:50
 Operator : KP/MD
 Sample : 01065-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-210

Quant Time: Jan 11 03:08:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	79012	58.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.680%
35) Dibromofluoromethane	7.721	113	65033	47.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.178	98	248049	46.003	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.483	95	81811	43.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.820%

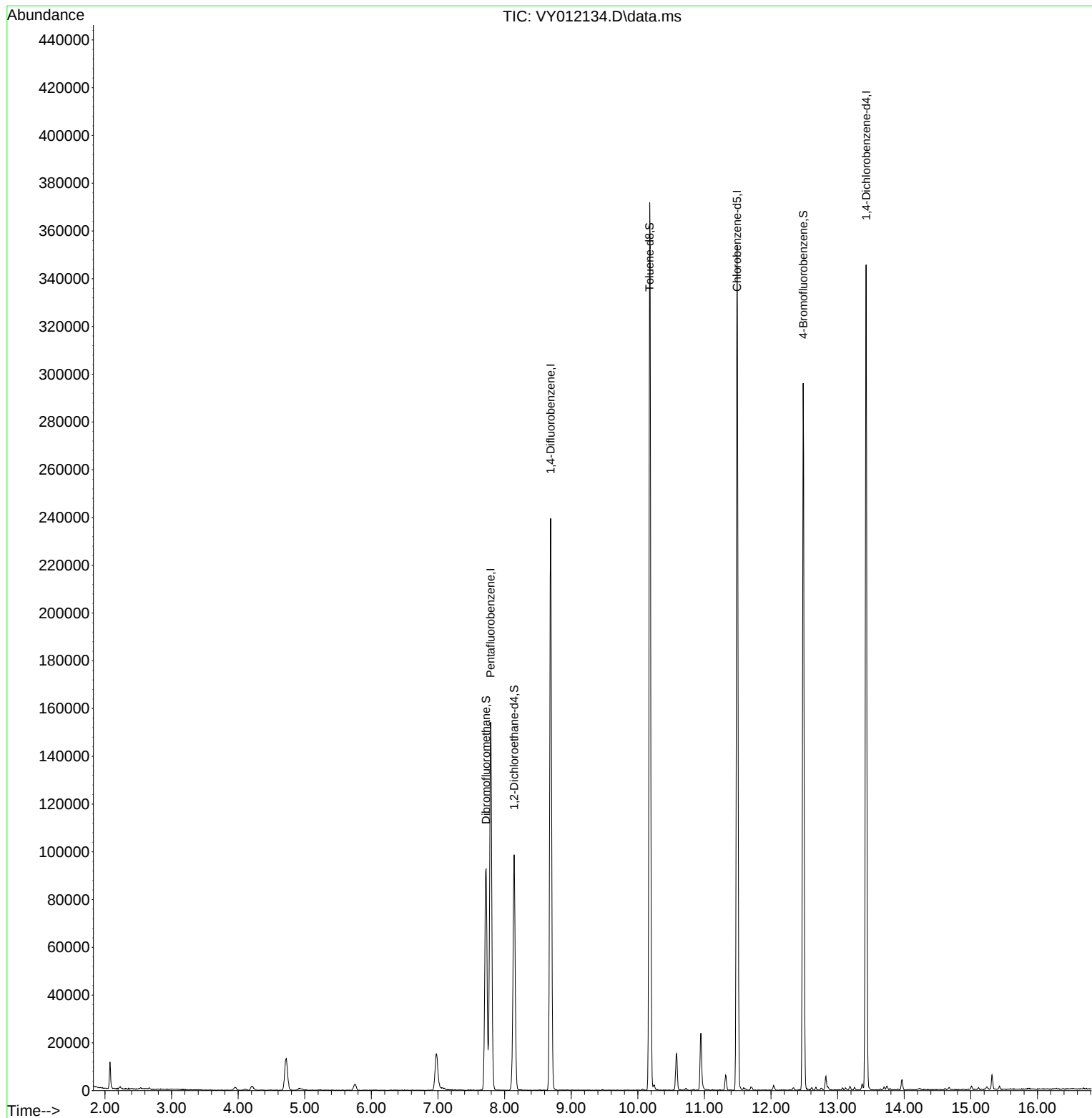
Target Compounds	Qvalue

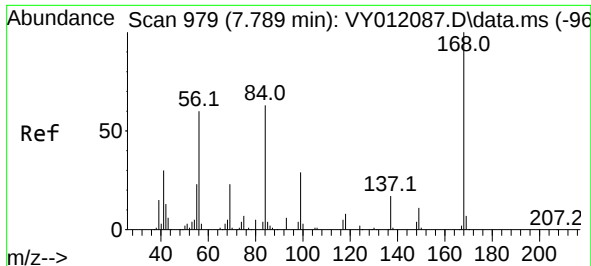
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
Data File : VY012134.D
Acq On : 10 Jan 2023 11:50
Operator : KP/MD
Sample : 01065-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

Quant Time: Jan 11 03:08:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

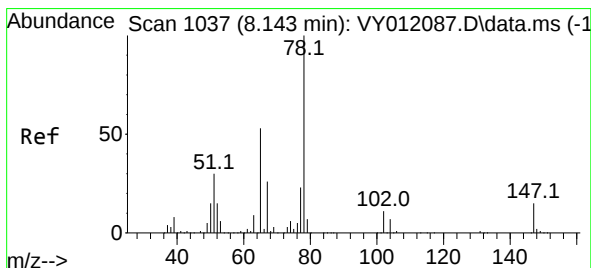
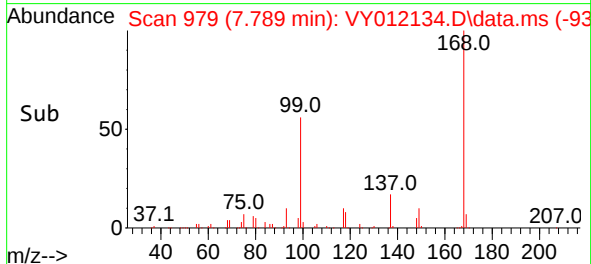
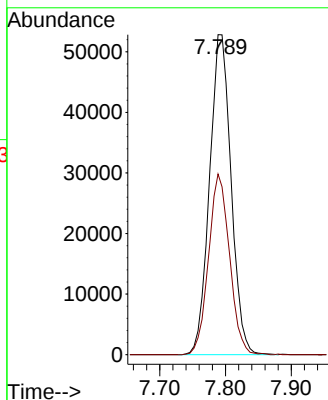
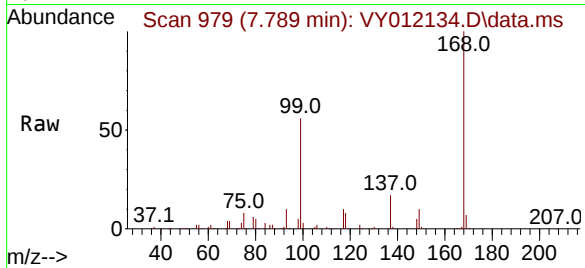




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012134.D
Acq: 10 Jan 2023 11:50

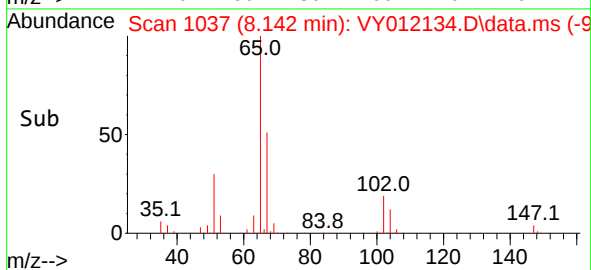
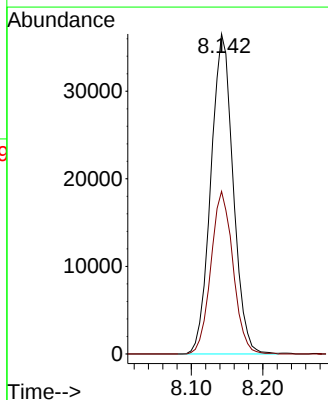
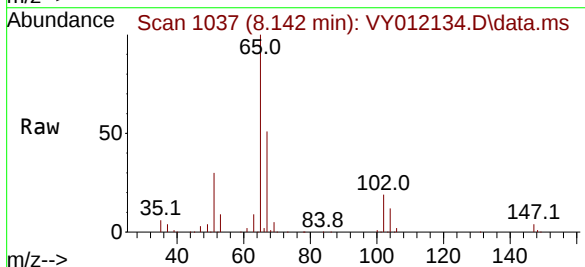
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

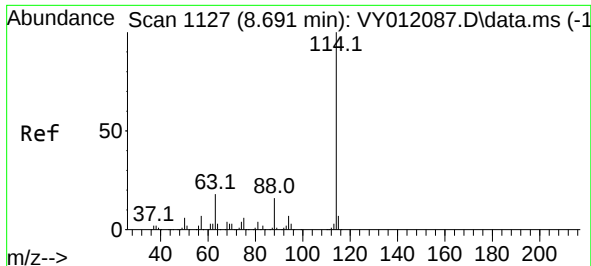
Tgt Ion:168 Resp: 120530
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.340 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012134.D
Acq: 10 Jan 2023 11:50

Tgt Ion: 65 Resp: 79012
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012134.D

Acq: 10 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

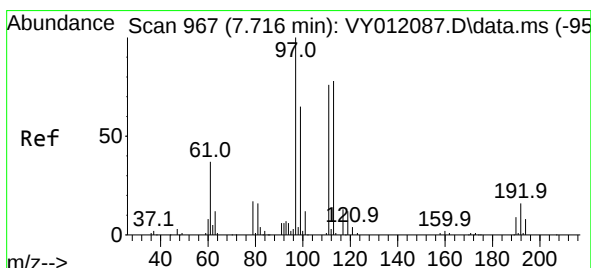
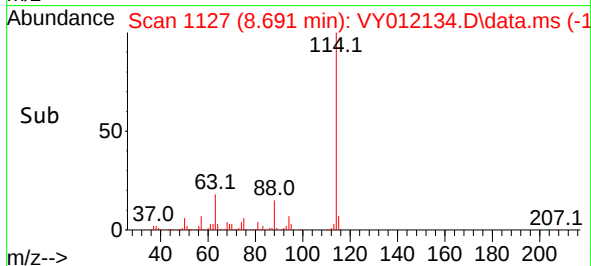
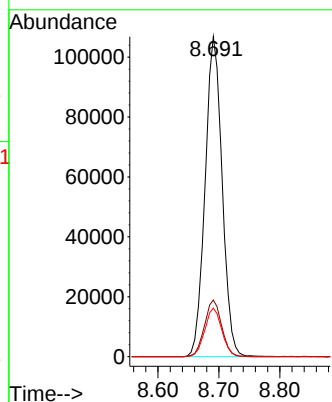
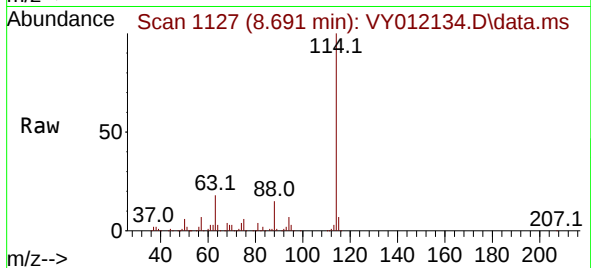
Tgt Ion:114 Resp: 207842

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.605 ug/l

RT: 7.721 min Scan# 968

Delta R.T. 0.005 min

Lab File: VY012134.D

Acq: 10 Jan 2023 11:50

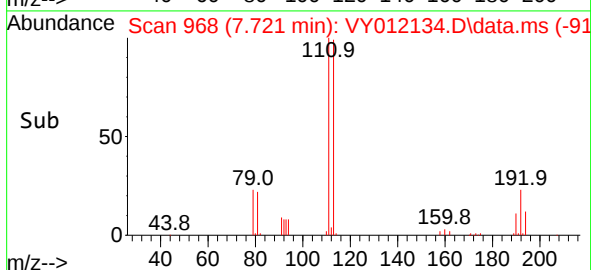
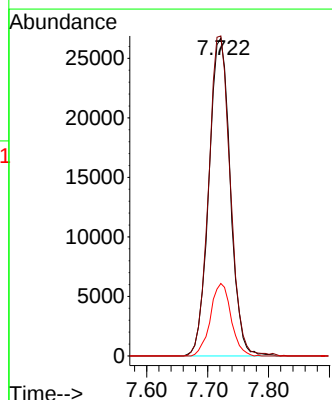
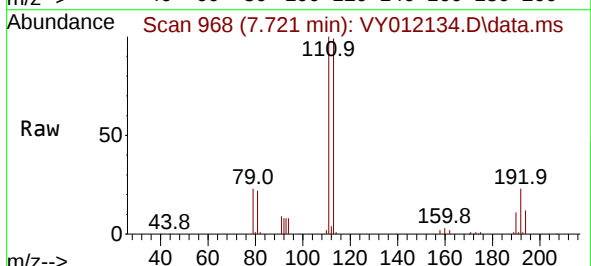
Tgt Ion:113 Resp: 65033

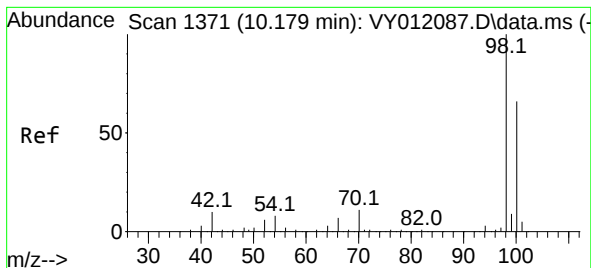
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 22.1 16.0 24.0





#50

Toluene-d8

Concen: 46.003 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY012134.D

Acq: 10 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

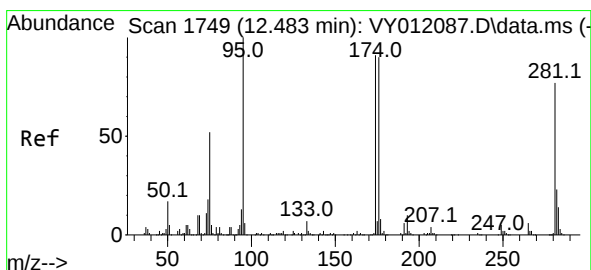
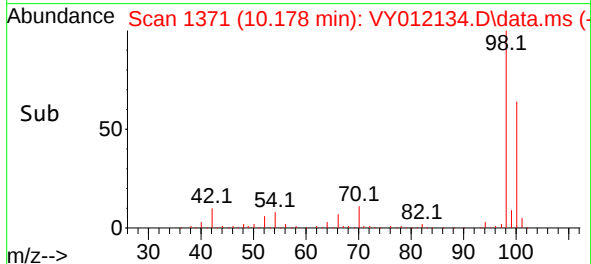
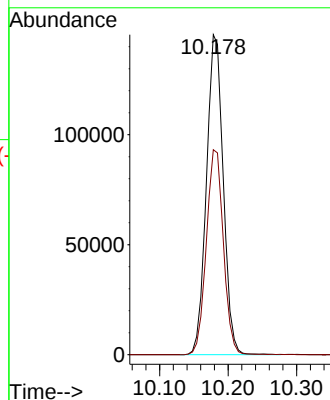
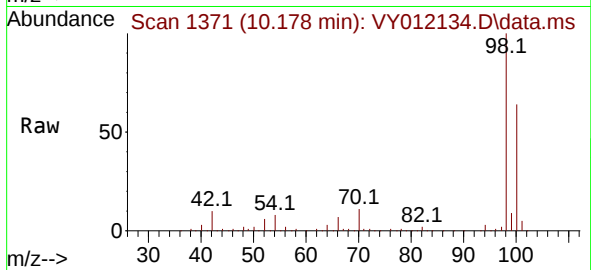
VNJ-210

Tgt Ion: 98 Resp: 248049

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.406 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012134.D

Acq: 10 Jan 2023 11:50

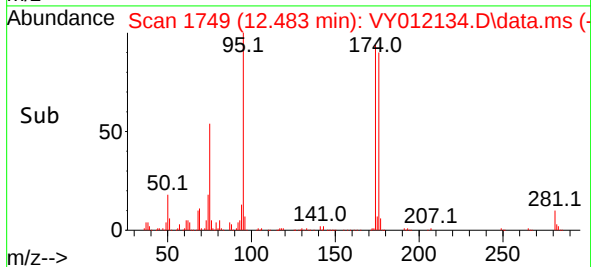
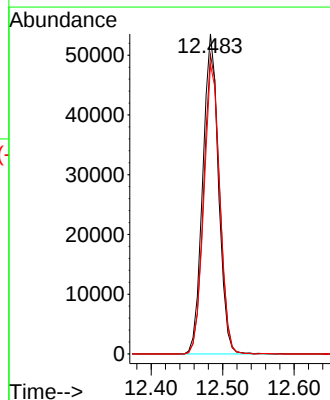
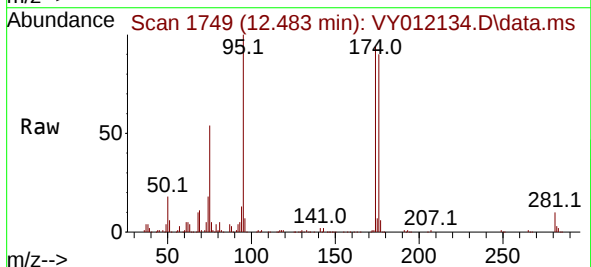
Tgt Ion: 95 Resp: 81811

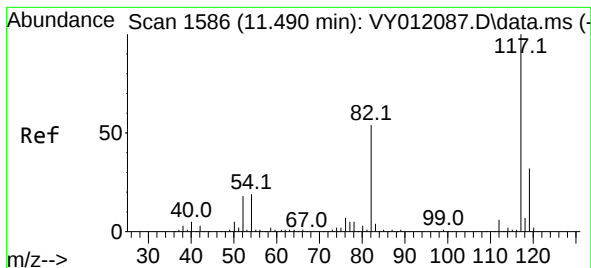
Ion Ratio Lower Upper

95 100

174 94.8 0.0 172.0

176 91.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012134.D

Acq: 10 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

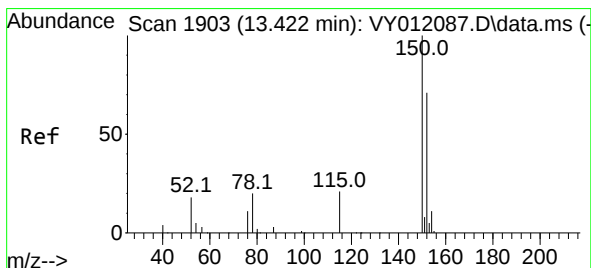
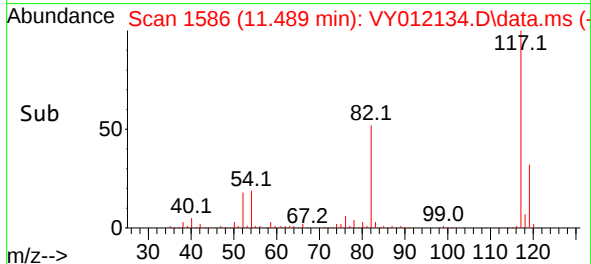
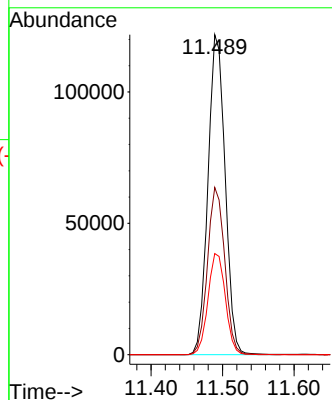
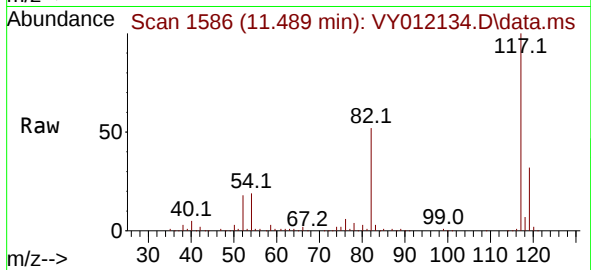
Tgt Ion:117 Resp: 202966

Ion Ratio Lower Upper

117 100

82 52.2 44.8 67.2

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012134.D

Acq: 10 Jan 2023 11:50

Tgt Ion:152 Resp: 91976

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 158.8 0.0 342.6

