

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013131.D
 Acq On : 29 Mar 2023 12:57
 Operator : KP/MD
 Sample : 02108-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

Quant Time: Mar 29 23:32:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	75908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51631	68.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.020%
35) Dibromofluoromethane	7.722	113	45234	58.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.840%
50) Toluene-d8	10.179	98	158946	56.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.300%
62) 4-Bromofluorobenzene	12.483	95	44811	46.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.800%

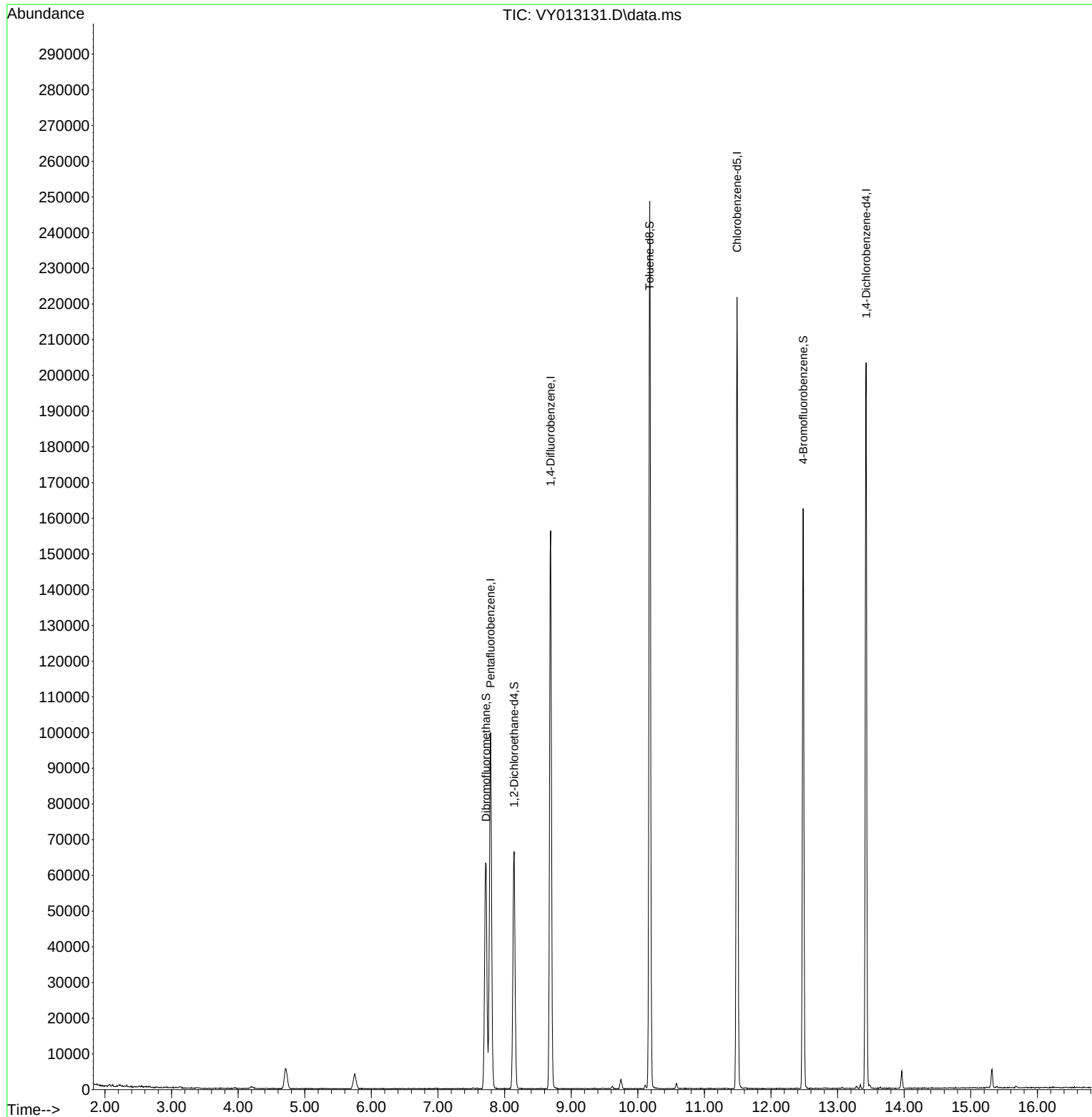
Target Compounds	Qvalue

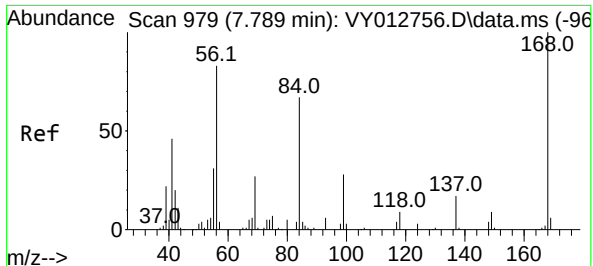
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
Data File : VY013131.D
Acq On : 29 Mar 2023 12:57
Operator : KP/MD
Sample : 02108-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Quant Time: Mar 29 23:32:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

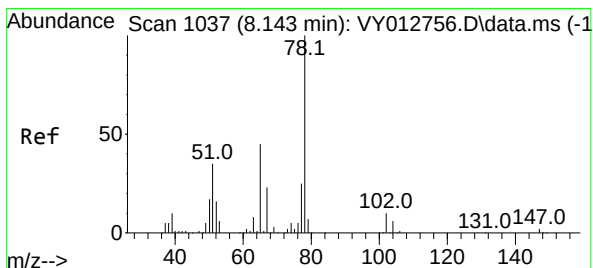
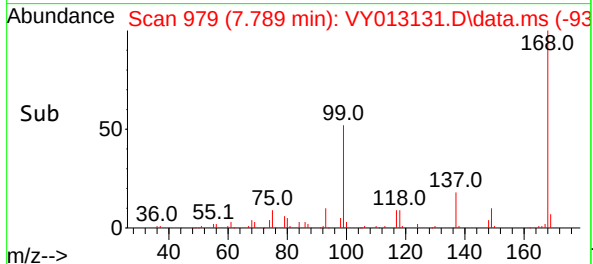
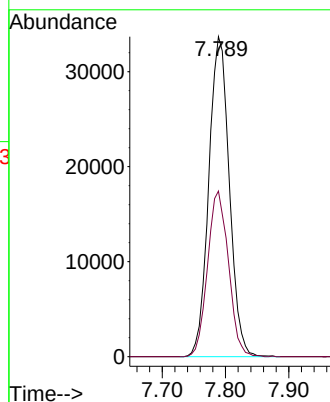
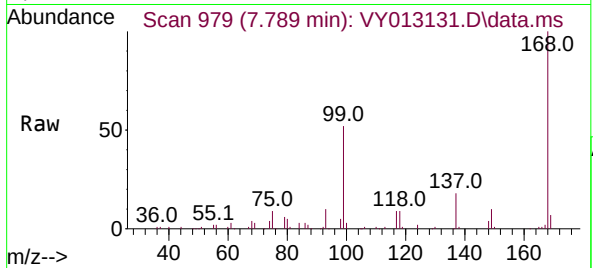




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013131.D
Acq: 29 Mar 2023 12:57

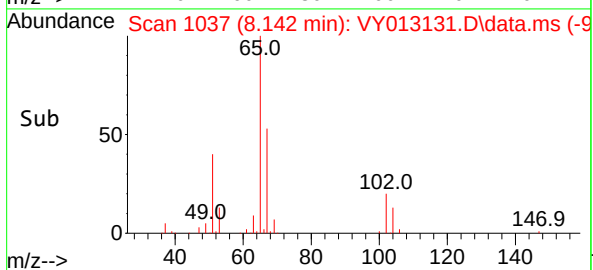
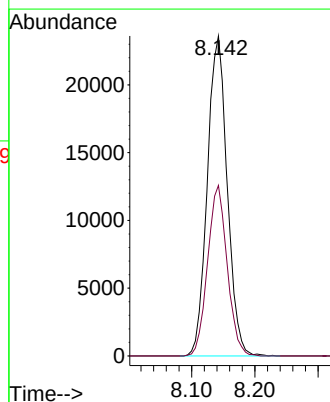
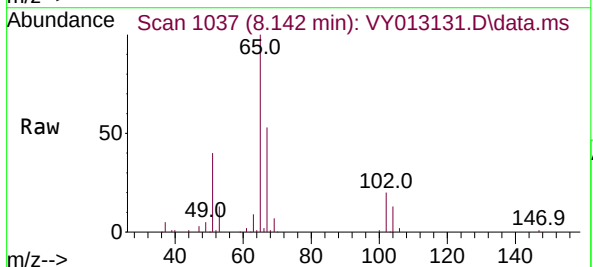
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

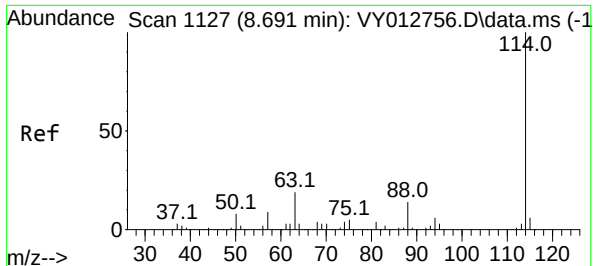
Tgt Ion:168 Resp: 75908
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.506 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY013131.D
Acq: 29 Mar 2023 12:57

Tgt Ion: 65 Resp: 51631
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013131.D

Acq: 29 Mar 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-235

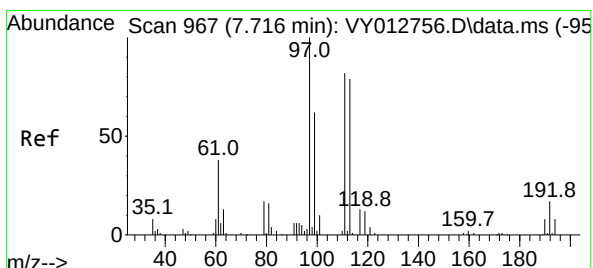
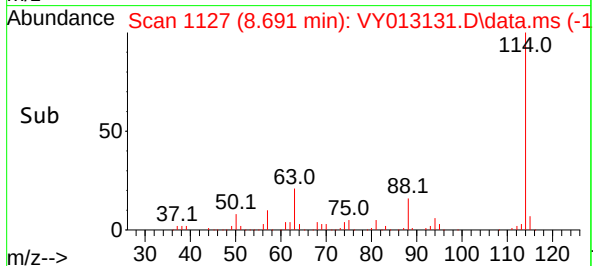
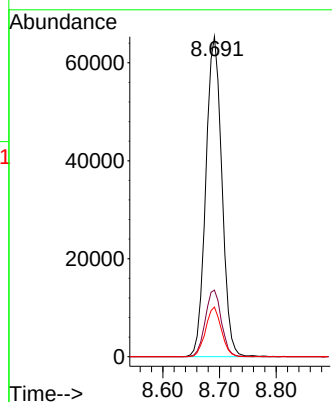
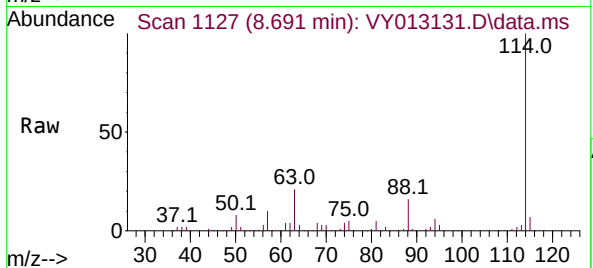
Tgt Ion:114 Resp: 128295

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.422 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013131.D

Acq: 29 Mar 2023 12:57

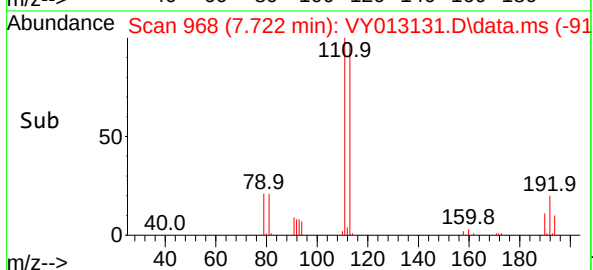
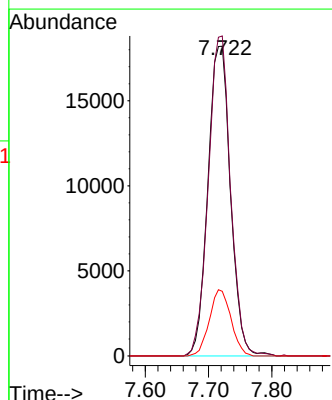
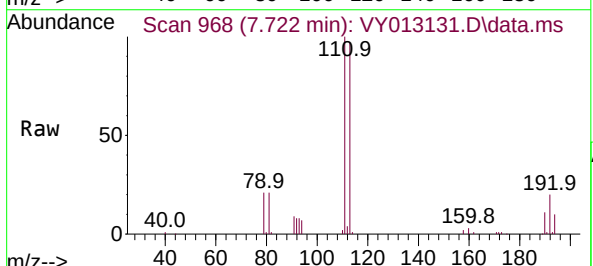
Tgt Ion:113 Resp: 45234

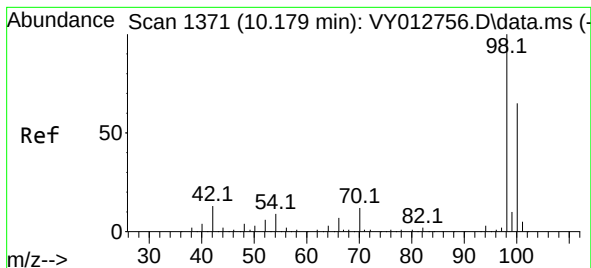
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 20.5 16.8 25.2





#50

Toluene-d8

Concen: 56.154 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013131.D

Acq: 29 Mar 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

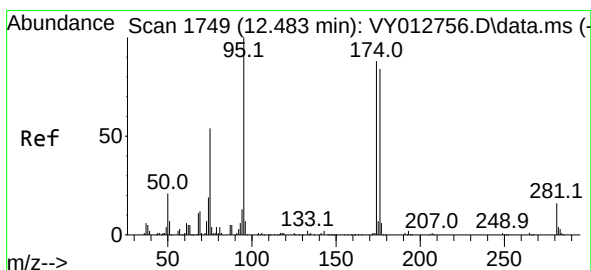
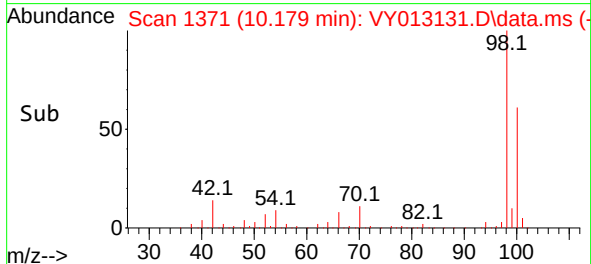
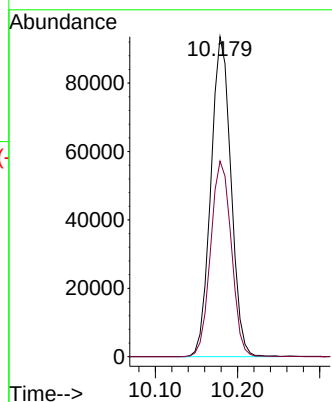
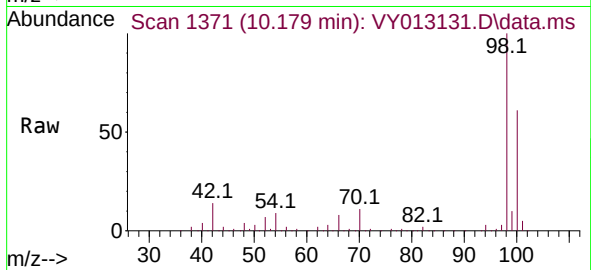
VNJ-235

Tgt Ion: 98 Resp: 158946

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.904 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013131.D

Acq: 29 Mar 2023 12:57

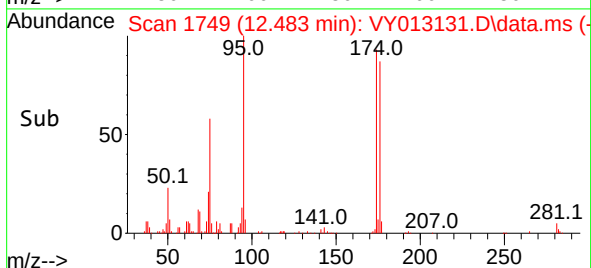
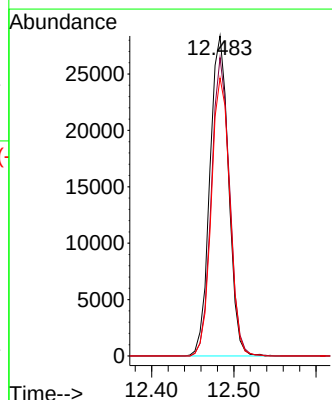
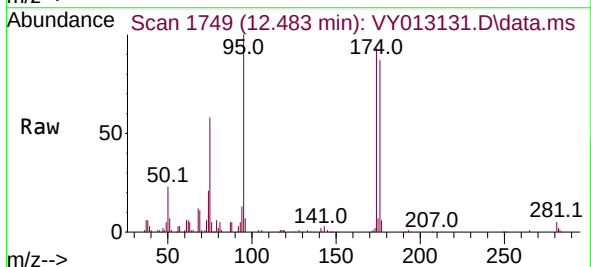
Tgt Ion: 95 Resp: 44811

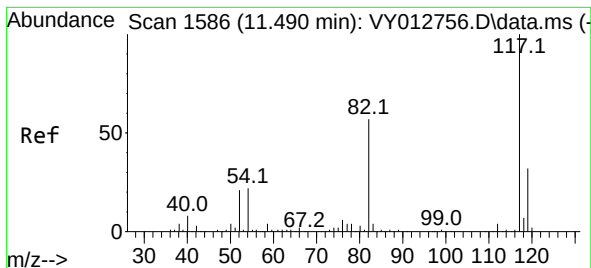
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.6

176 86.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013131.D

Acq: 29 Mar 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-235

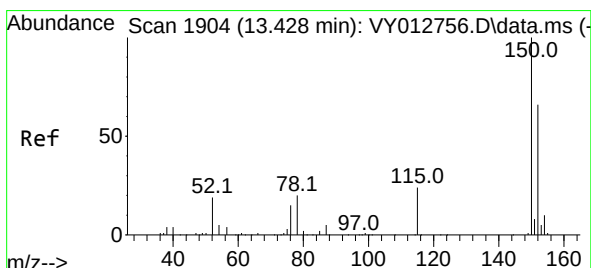
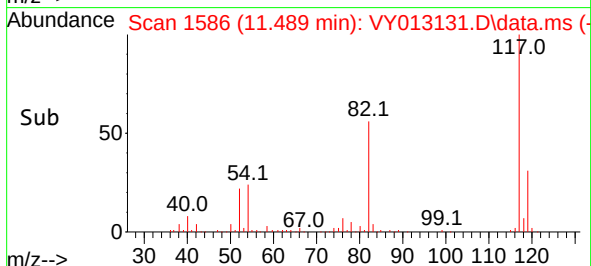
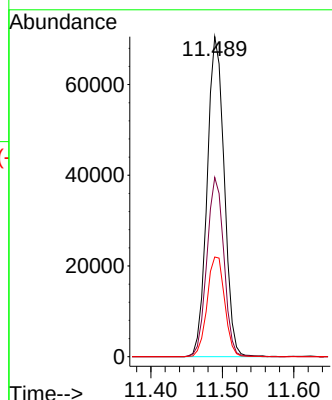
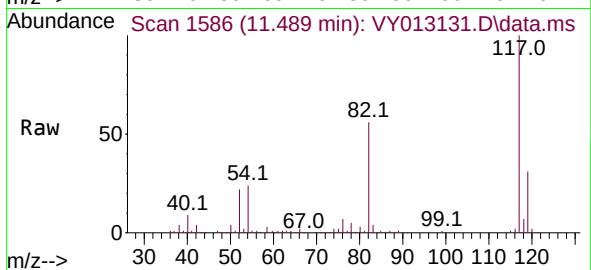
Tgt Ion:117 Resp: 116984

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 31.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013131.D

Acq: 29 Mar 2023 12:57

Tgt Ion:152 Resp: 51811

Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.3

150 156.3 0.0 347.8

