

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015904.D
 Acq On : 10 Oct 2023 18:02
 Operator : SY/MD
 Sample : 04812-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-223

Quant Time: Oct 11 01:23:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	149225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	240459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89537	66.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.360%
35) Dibromofluoromethane	7.722	113	80213	55.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.179	98	308289	64.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.260%
62) 4-Bromofluorobenzene	12.483	95	108872	56.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.380%

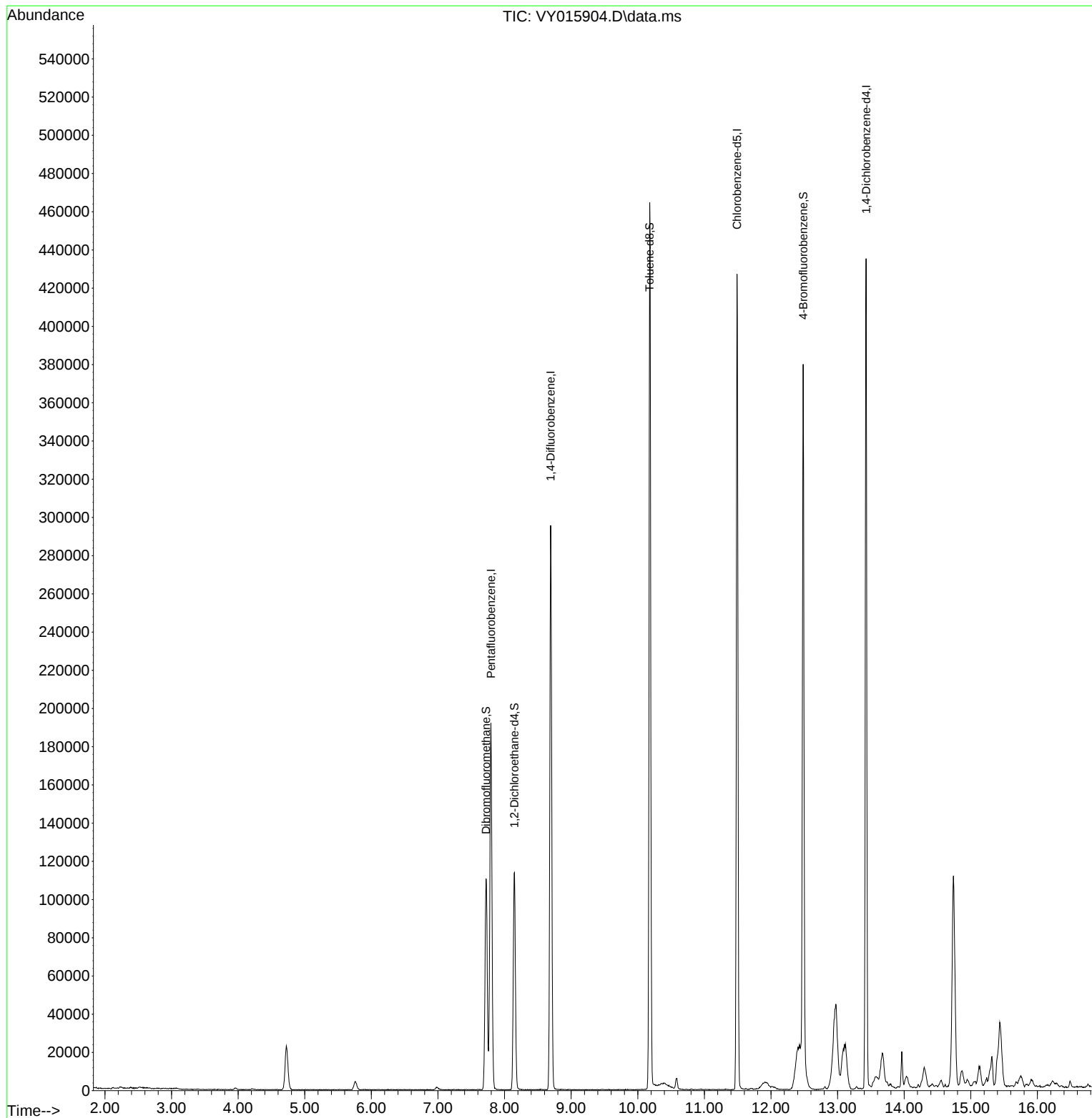
Target Compounds	Qvalue

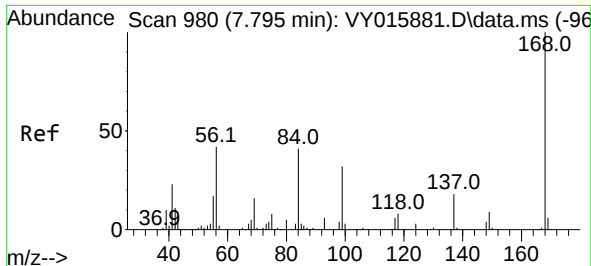
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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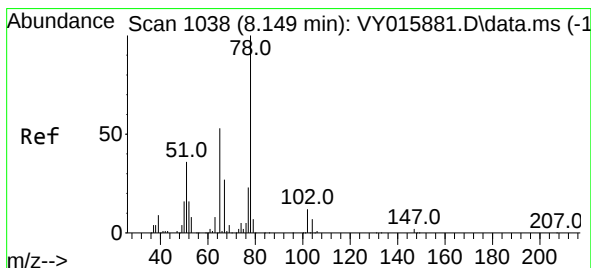
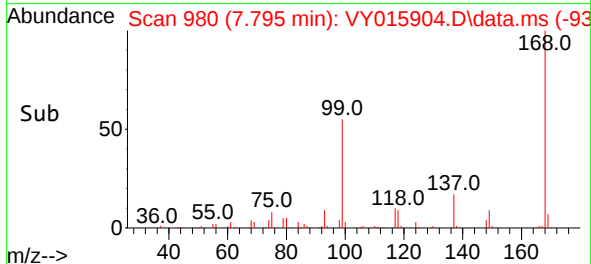
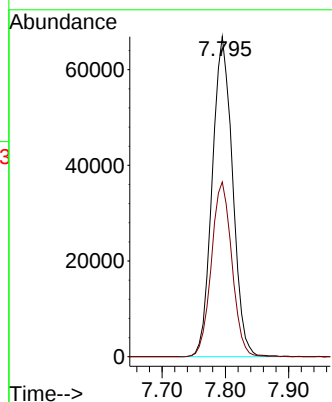
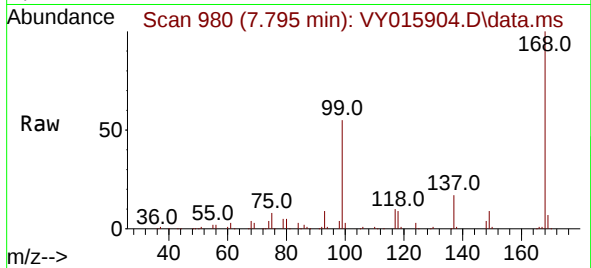




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

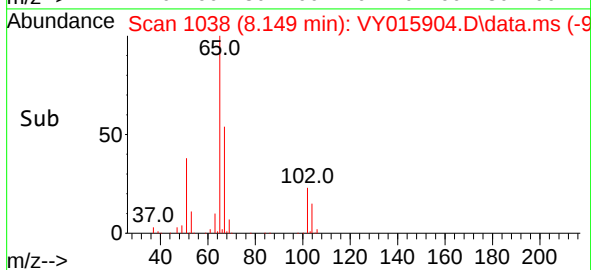
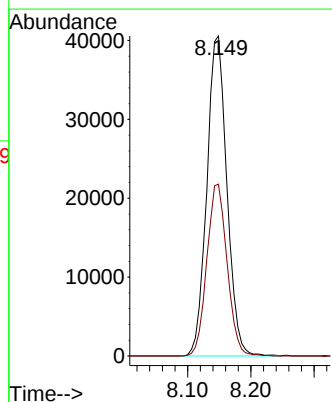
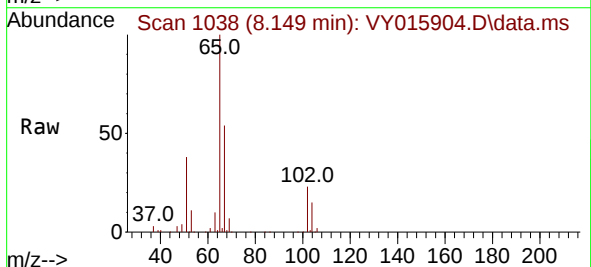
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

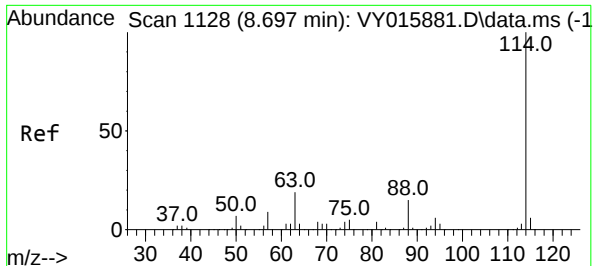
Tgt Ion:168 Resp: 149225
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 66.683 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Tgt Ion: 65 Resp: 89537
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-223

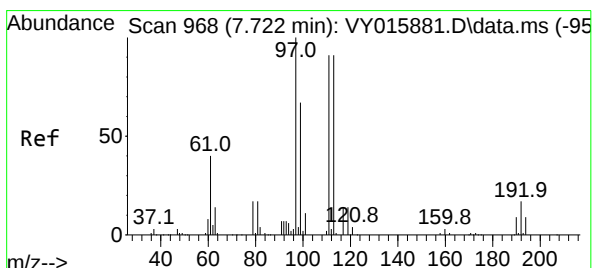
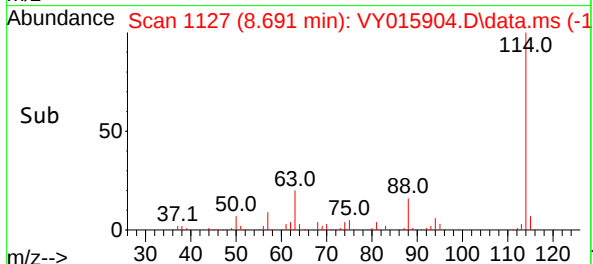
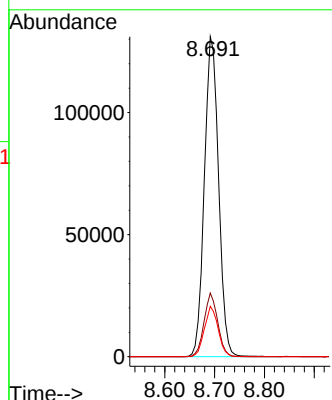
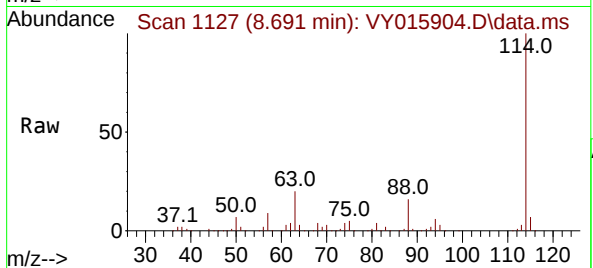
Tgt Ion:114 Resp: 259489

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.420 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

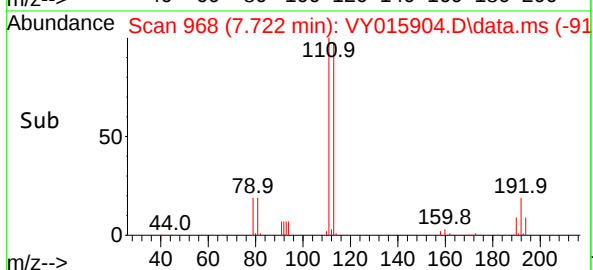
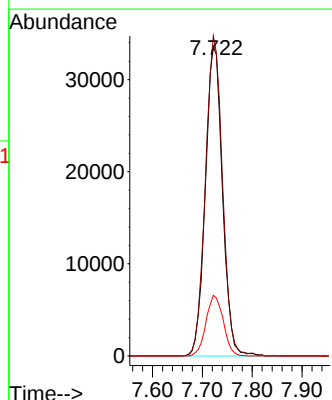
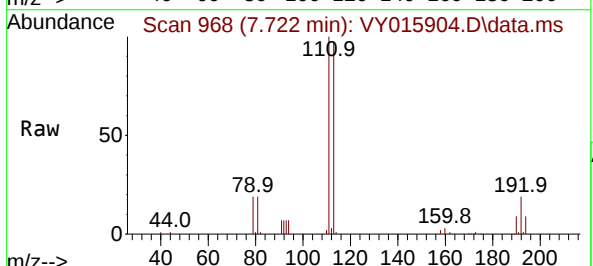
Tgt Ion:113 Resp: 80213

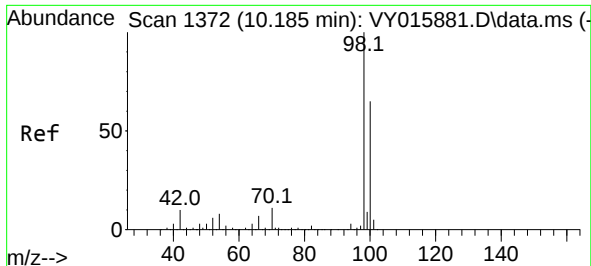
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.7 16.9 25.3

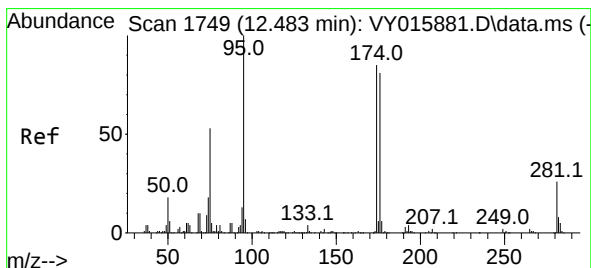
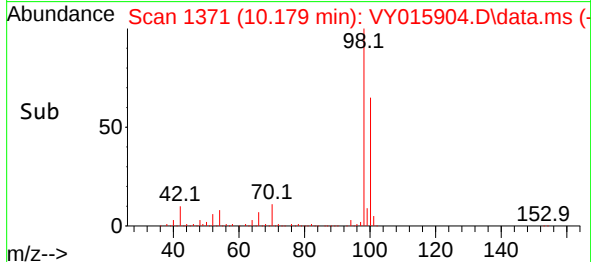
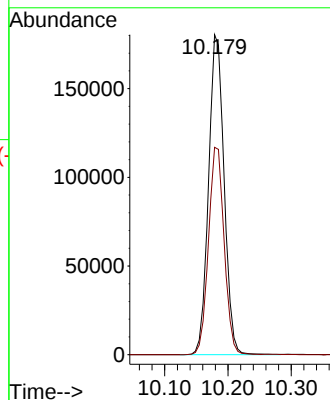
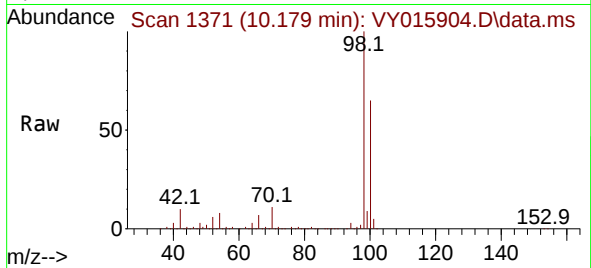




#50
Toluene-d8
Concen: 64.629 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

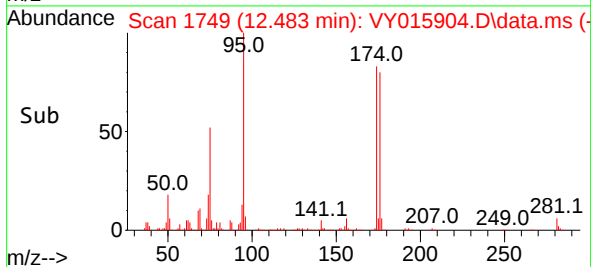
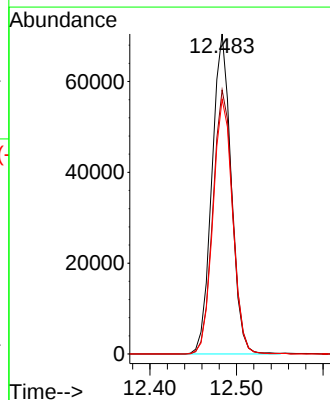
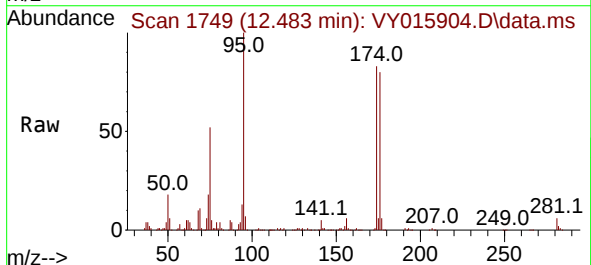
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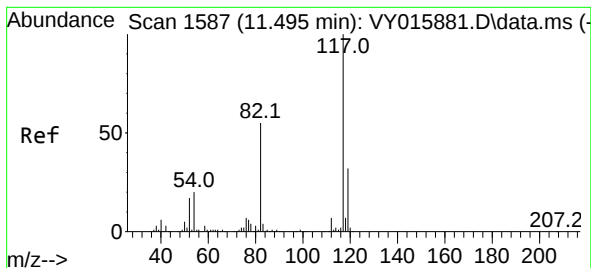
Tgt Ion: 98 Resp: 308289
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Tgt Ion: 95 Resp: 108872
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-223

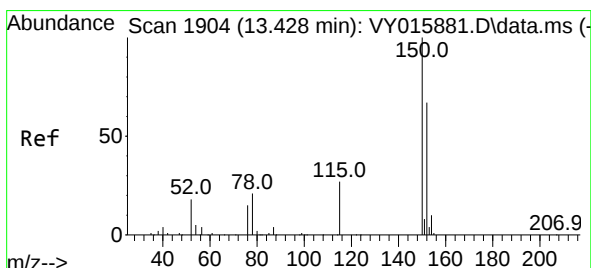
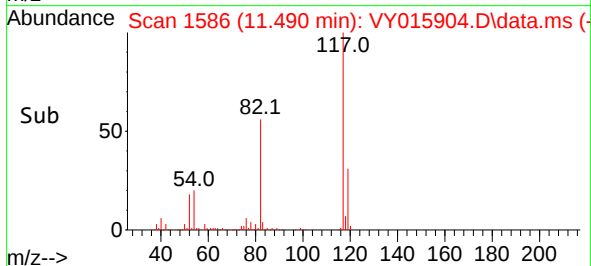
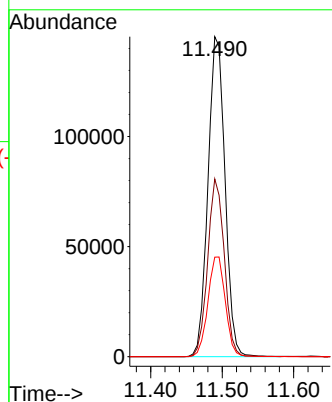
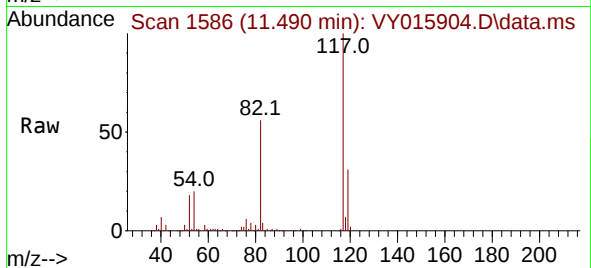
Tgt Ion:117 Resp: 240459

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 31.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

Tgt Ion:152 Resp: 114017

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 156.1 0.0 348.8

