

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016104.D
 Acq On : 27 Oct 2023 14:46
 Operator : SY/MD
 Sample : 05083-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-10252023

Quant Time: Oct 30 06:08:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76824	58.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.740%
35) Dibromofluoromethane	7.716	113	73353	51.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.760%
50) Toluene-d8	10.179	98	263860	50.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.483	95	90776	50.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.060%

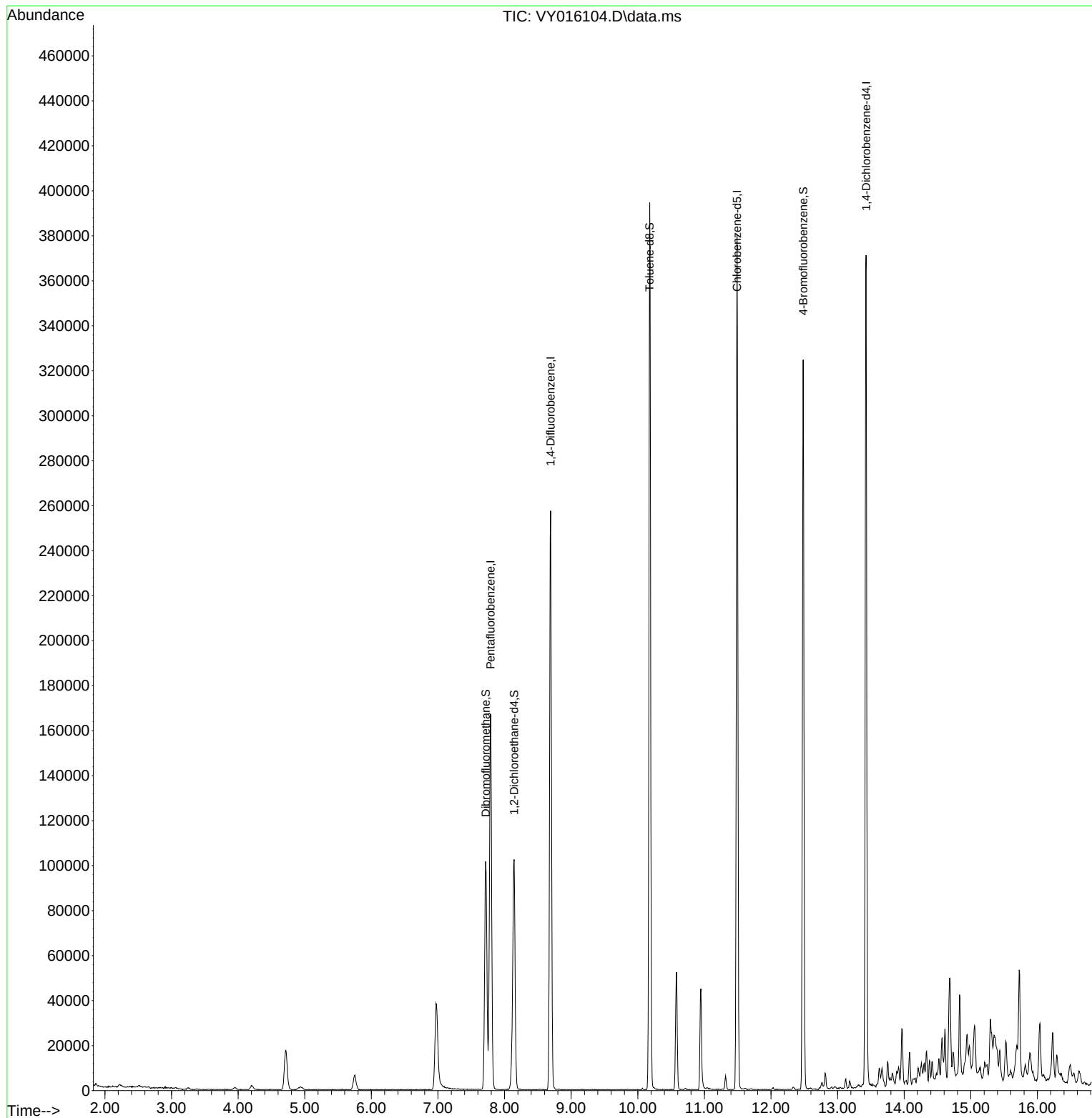
Target Compounds	Qvalue

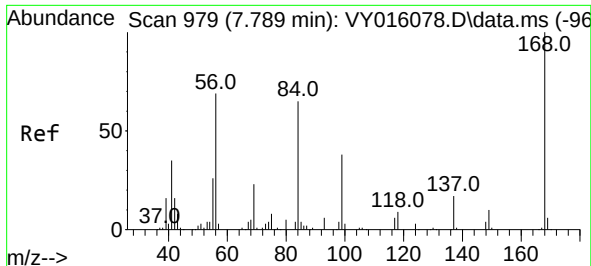
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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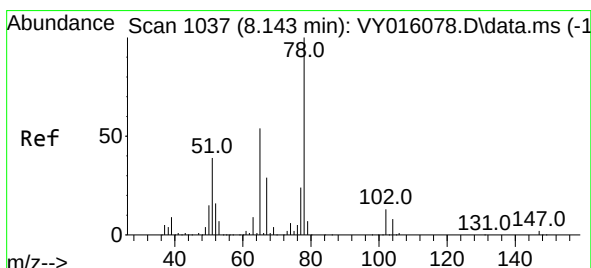
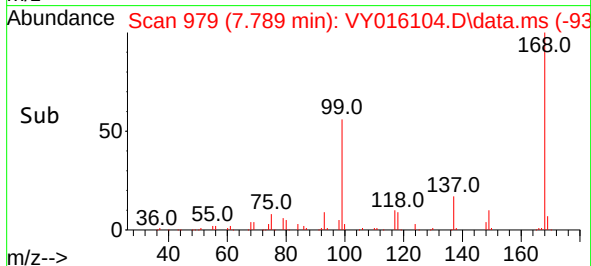
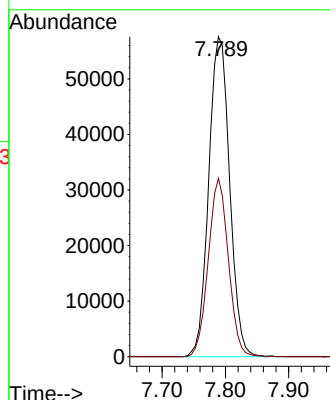
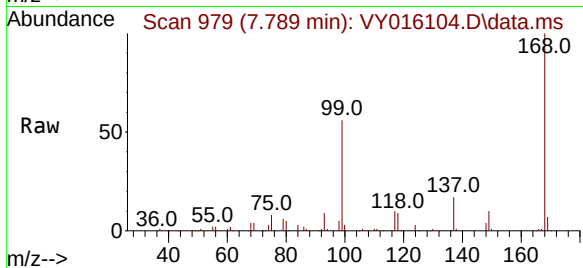




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016104.D
Acq: 27 Oct 2023 14:46

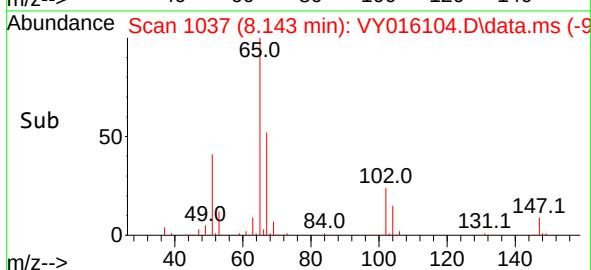
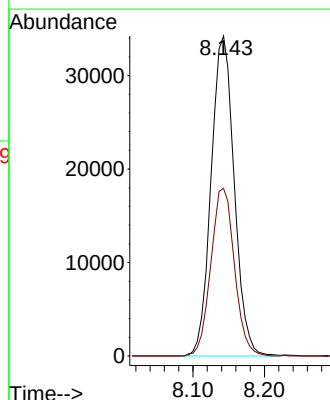
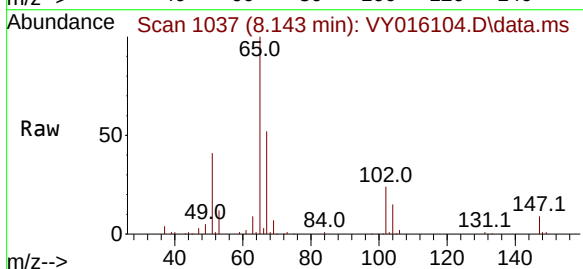
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-10252023

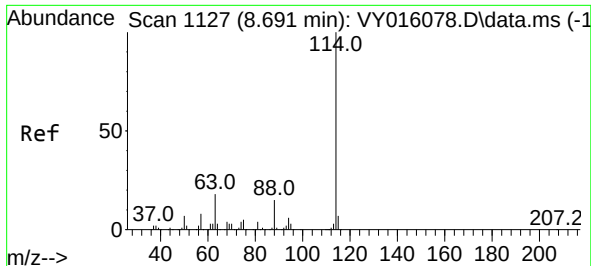
Tgt Ion:168 Resp: 132367
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.368 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016104.D
Acq: 27 Oct 2023 14:46

Tgt Ion: 65 Resp: 76824
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016104.D

Acq: 27 Oct 2023 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-10252023

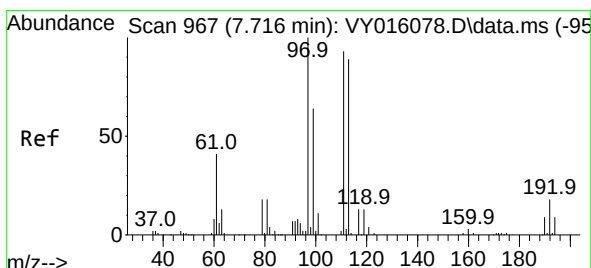
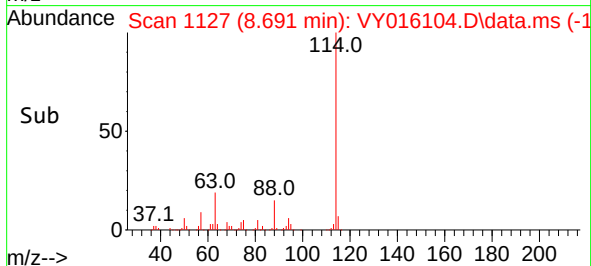
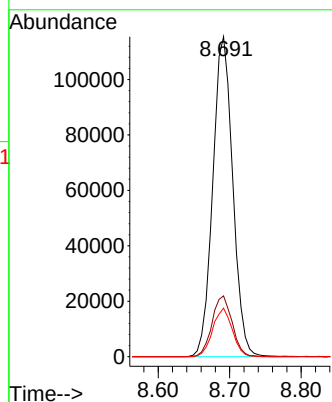
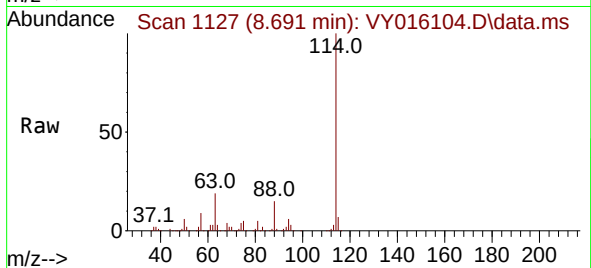
Tgt Ion:114 Resp: 223962

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.881 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY016104.D

Acq: 27 Oct 2023 14:46

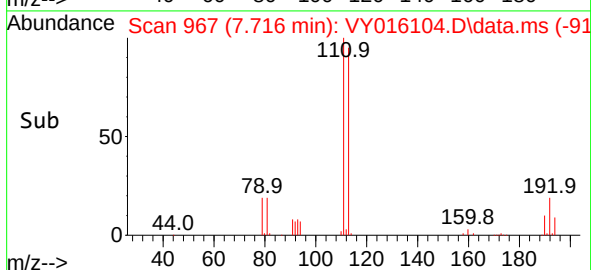
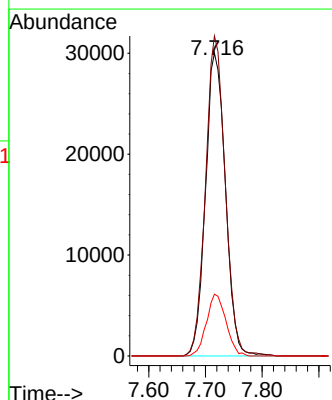
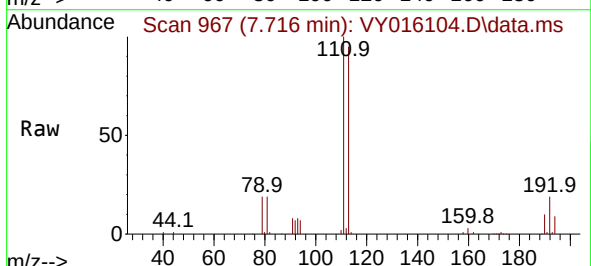
Tgt Ion:113 Resp: 73353

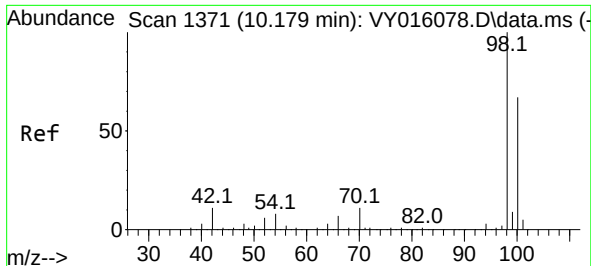
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 20.0 16.9 25.3

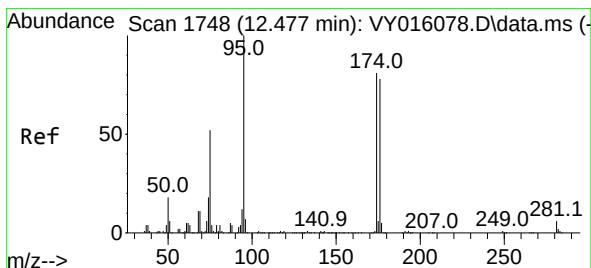
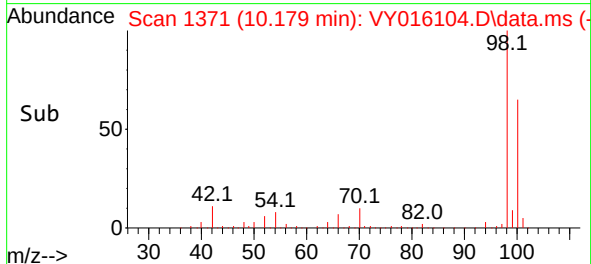
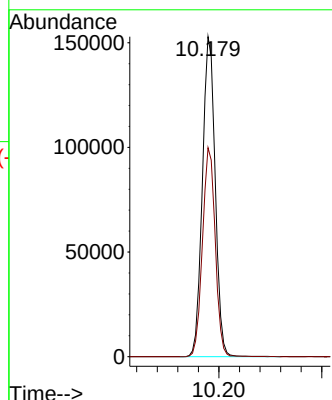
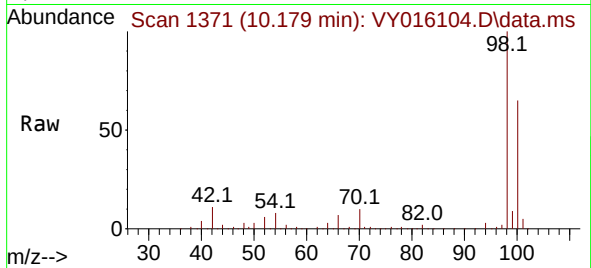




#50
Toluene-d8
Concen: 50.382 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016104.D
Acq: 27 Oct 2023 14:46

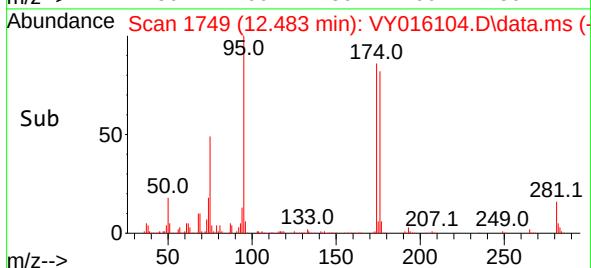
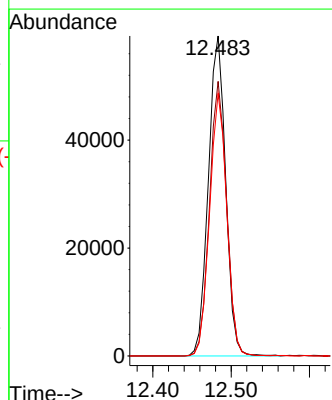
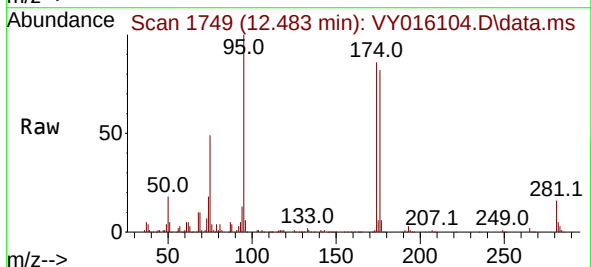
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SU-04-10252023

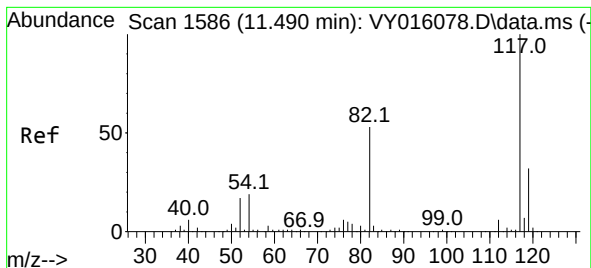
Tgt Ion: 98 Resp: 263860
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.530 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016104.D
Acq: 27 Oct 2023 14:46

Tgt Ion: 95 Resp: 90776
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016104.D

Acq: 27 Oct 2023 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-10252023

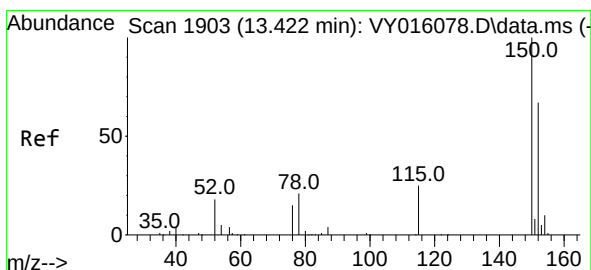
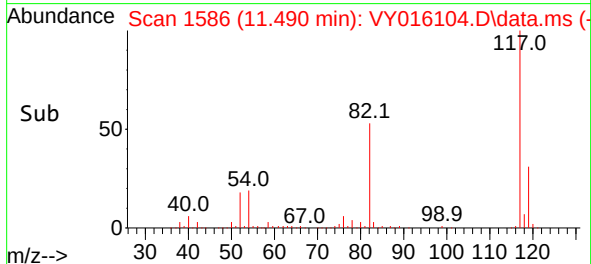
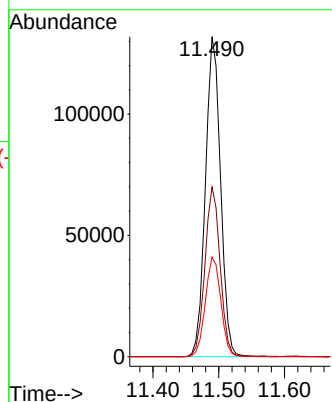
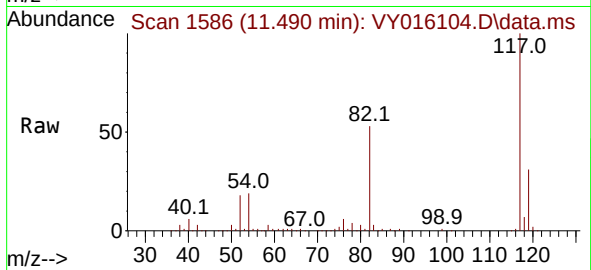
Tgt Ion:117 Resp: 211137

Ion Ratio Lower Upper

117 100

82 53.0 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. 0.006 min

Lab File: VY016104.D

Acq: 27 Oct 2023 14:46

Tgt Ion:152 Resp: 98135

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 157.4 0.0 348.8

