

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016005.D
 Acq On : 17 Oct 2023 15:34
 Operator : SY/MD
 Sample : 04908-04
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Oct 18 06:08:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	128747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	196095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	75707	51.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.040%
35) Dibromofluoromethane	7.722	113	69776	52.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.220%
50) Toluene-d8	10.179	98	249167	49.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.483	95	82709	46.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.640%

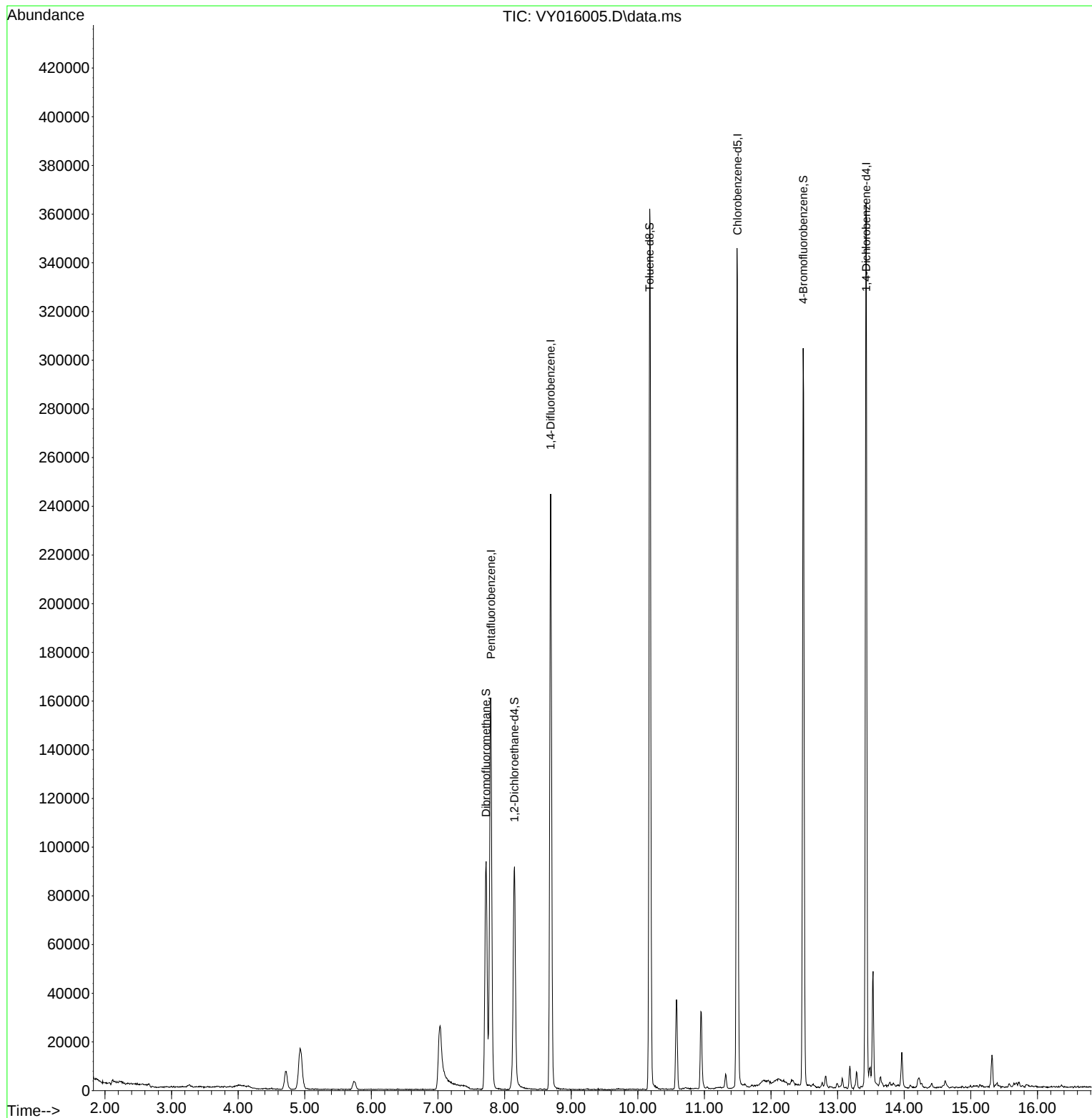
Target Compounds	Qvalue

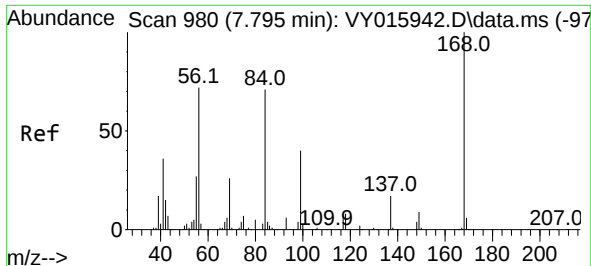
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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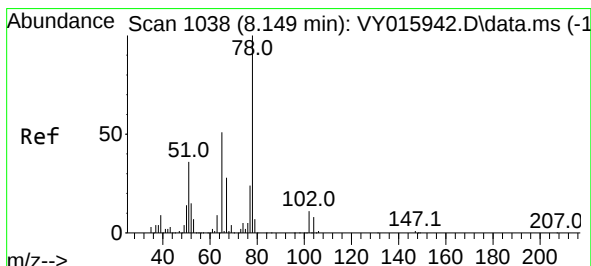
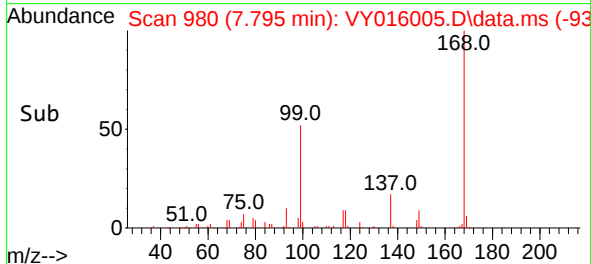
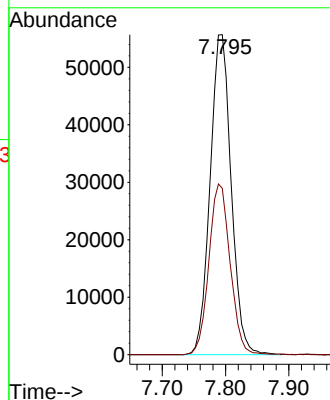
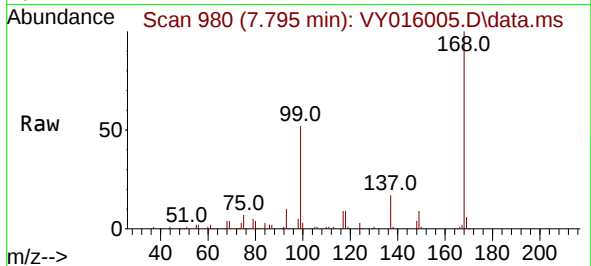




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

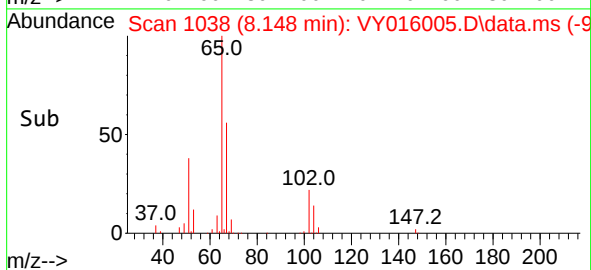
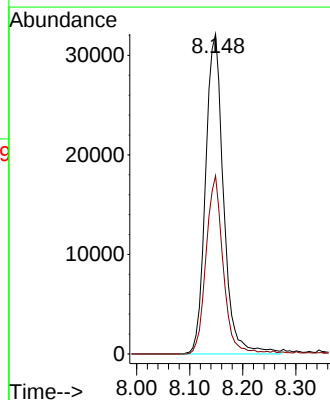
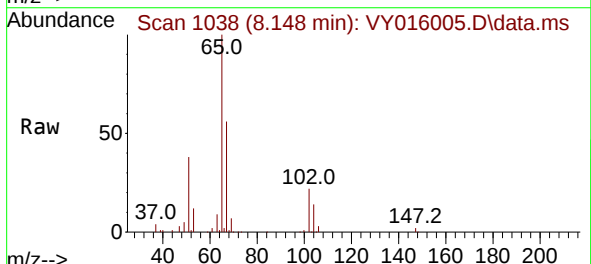
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

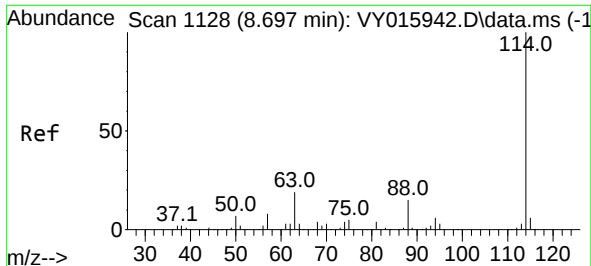
Tgt Ion:168 Resp: 128747
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.524 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

Tgt Ion: 65 Resp: 75707
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016005.D

Acq: 17 Oct 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

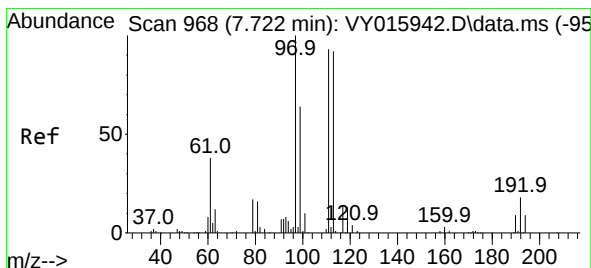
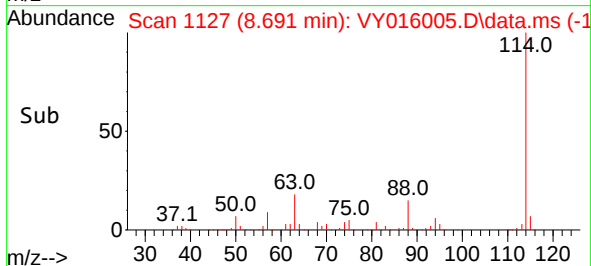
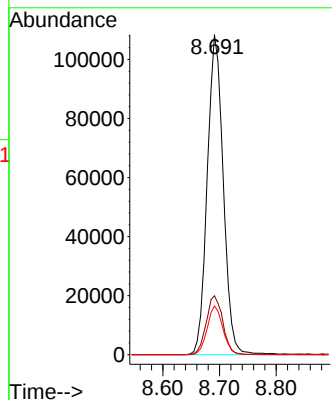
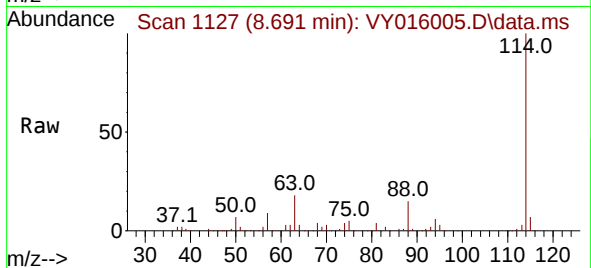
Tgt Ion:114 Resp: 212686

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.112 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY016005.D

Acq: 17 Oct 2023 15:34

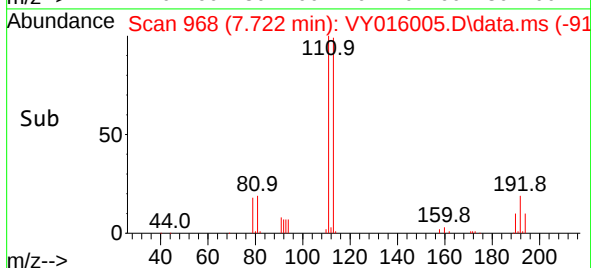
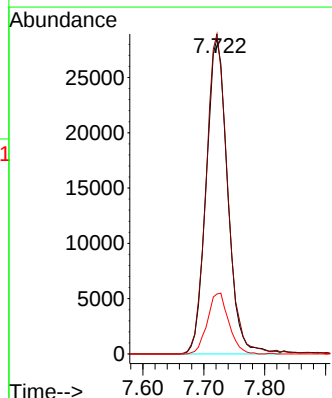
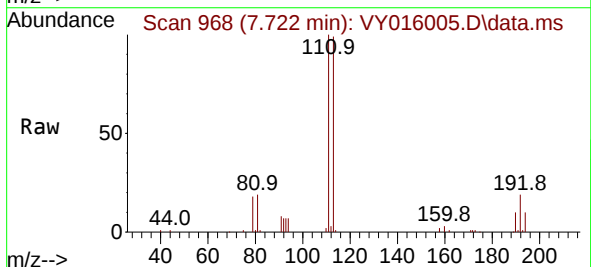
Tgt Ion:113 Resp: 69776

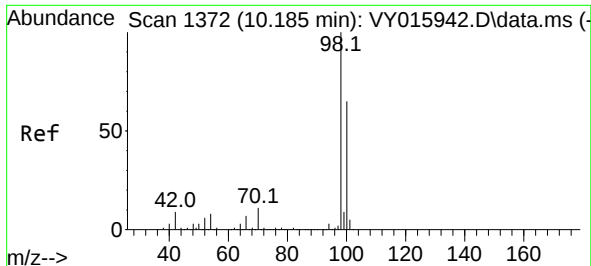
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.2 16.9 25.3

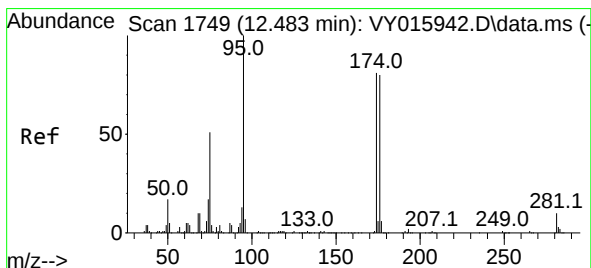
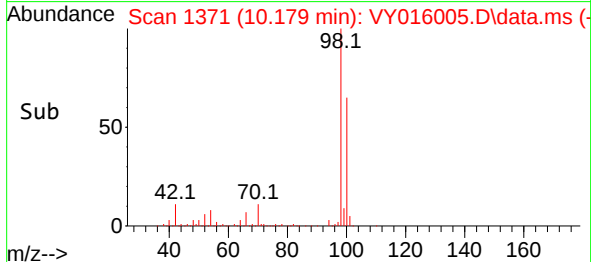
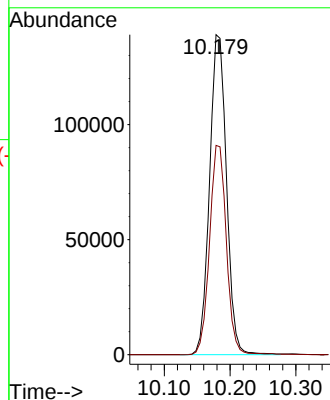
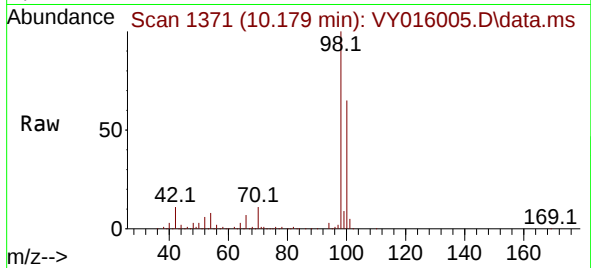




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

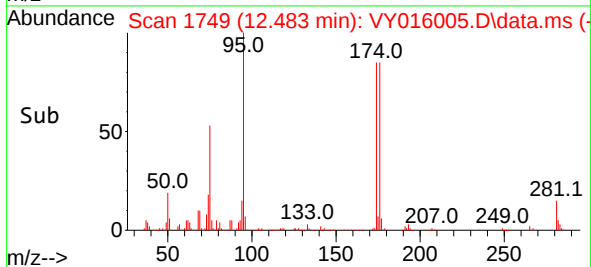
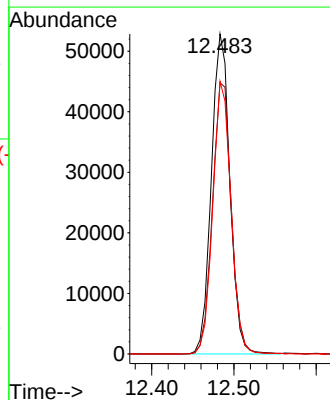
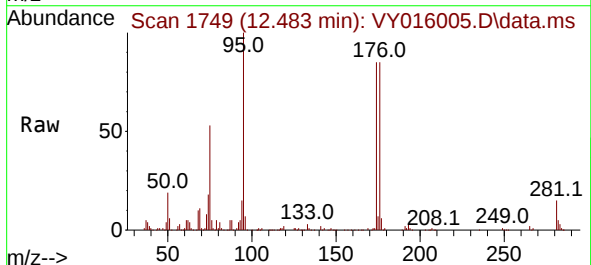
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

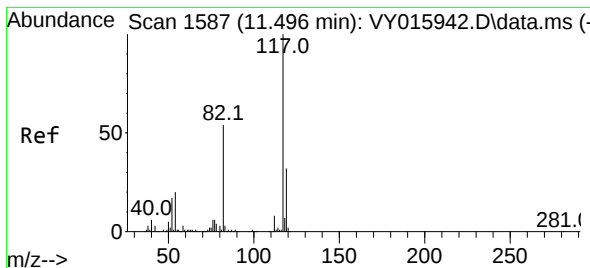
Tgt Ion: 98 Resp: 249167
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

Tgt Ion: 95 Resp: 82709
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016005.D

Acq: 17 Oct 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

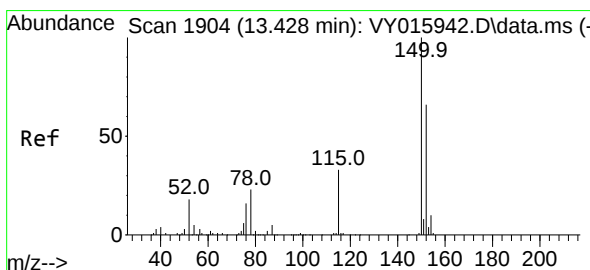
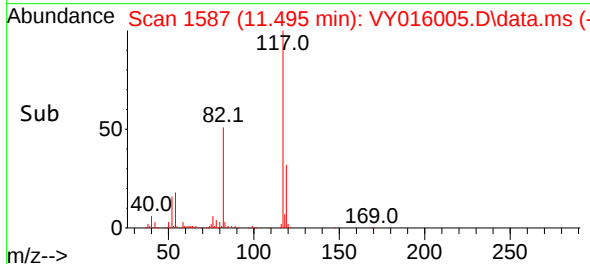
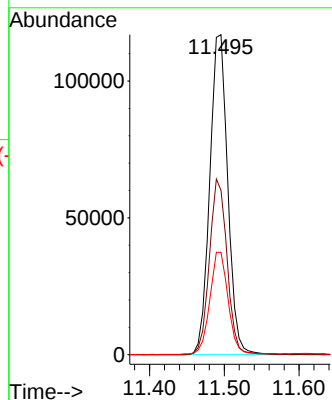
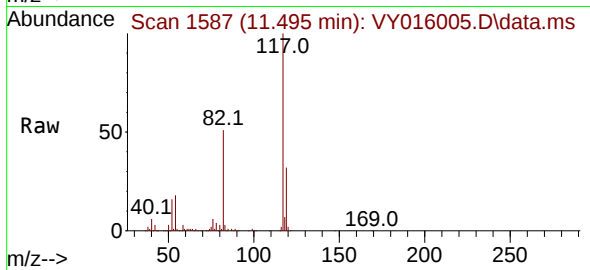
Tgt Ion:117 Resp: 196095

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 31.9 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: VY016005.D

Acq: 17 Oct 2023 15:34

Tgt Ion:152 Resp: 94714

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.4 0.0 348.8

