

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016556.D
 Acq On : 01 Dec 2023 12:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 01 23:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	103031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	167715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	146093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	55886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	42401	52.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.180%
35) Dibromofluoromethane	7.740	113	48390	49.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.197	98	190517	49.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.501	95	54418	45.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.880%

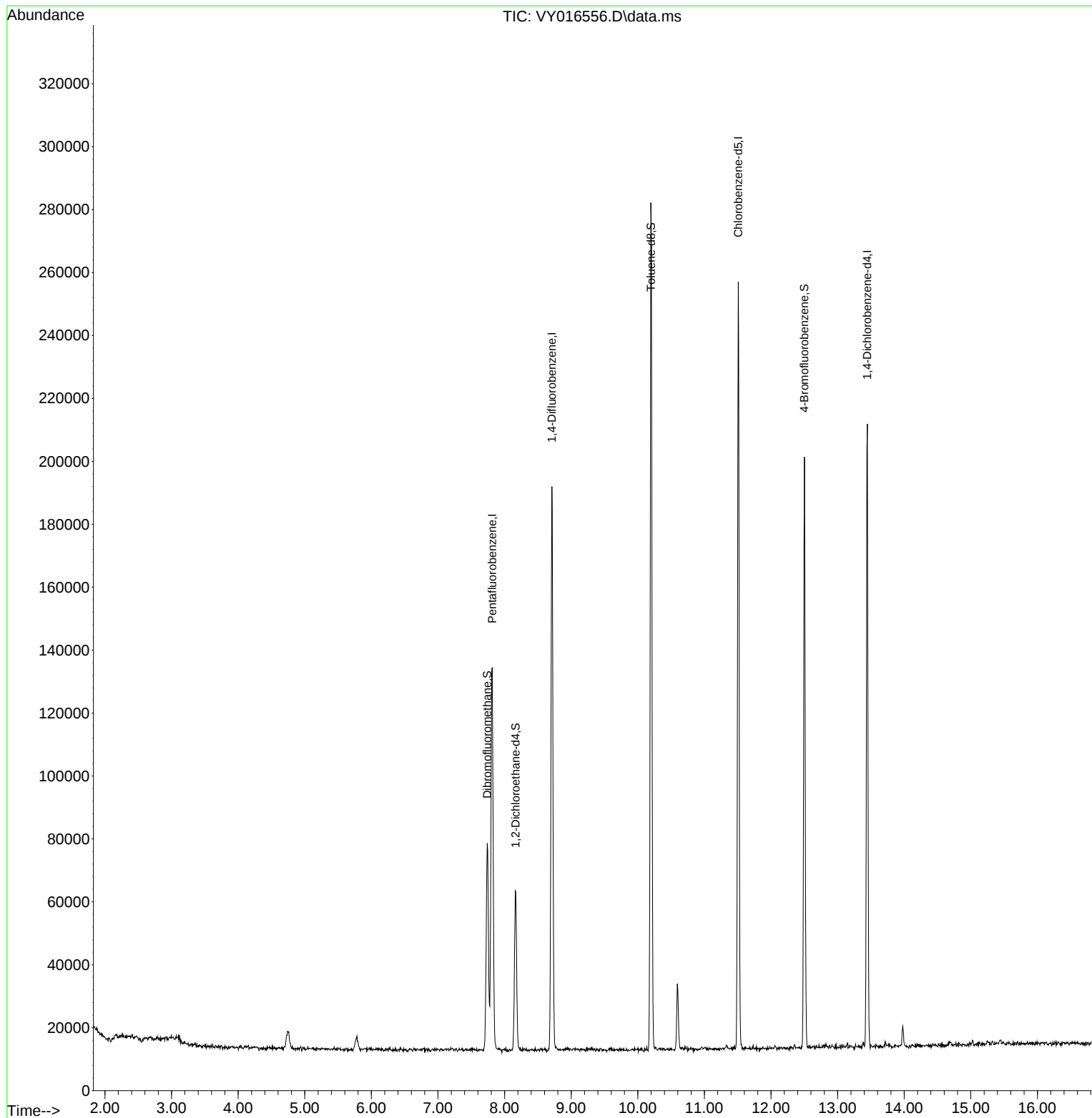
Target Compounds	Qvalue

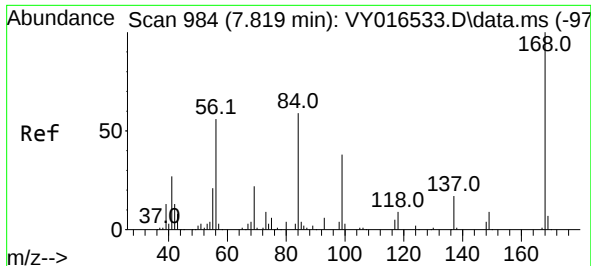
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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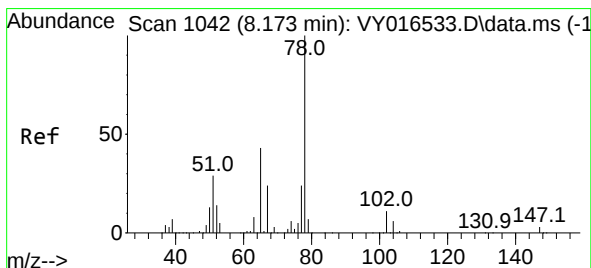
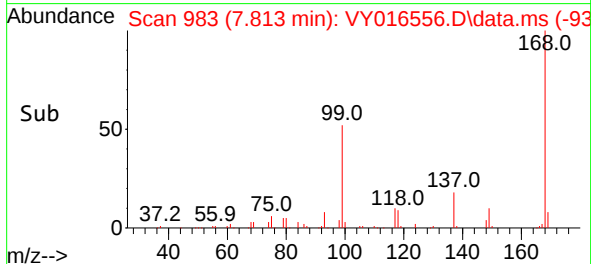
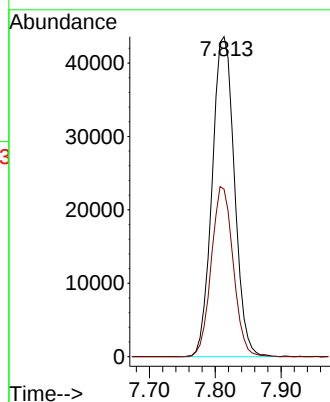
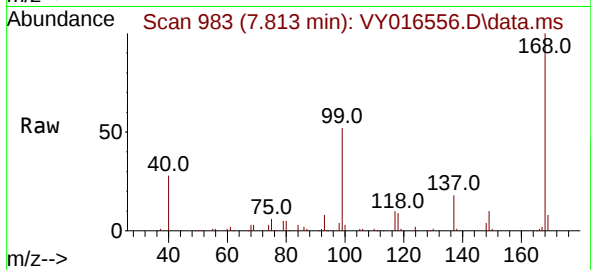




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

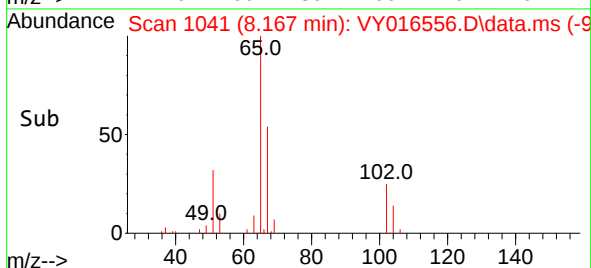
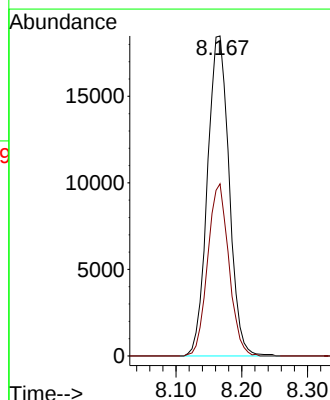
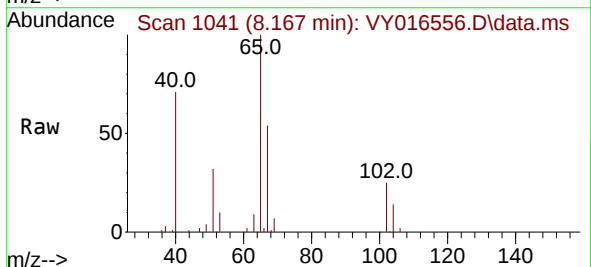
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

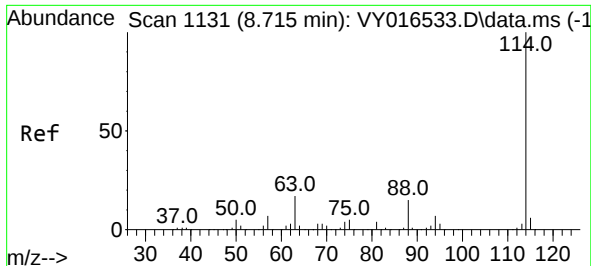
Tgt Ion:168 Resp: 103031
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.090 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion: 65 Resp: 42401
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

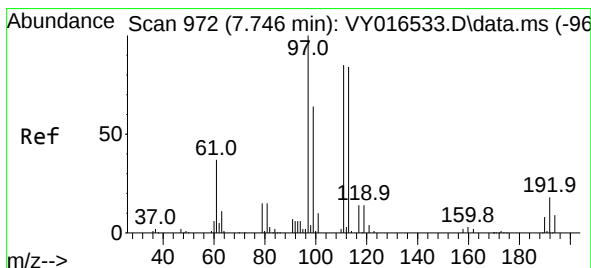
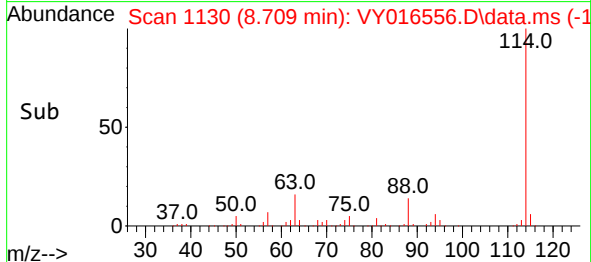
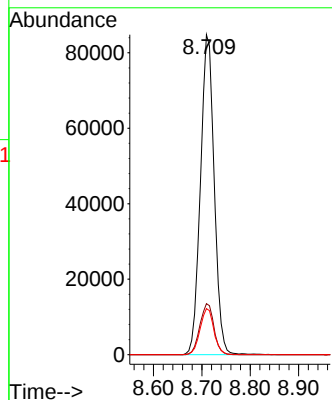
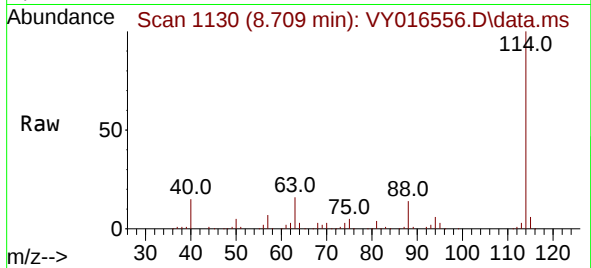




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

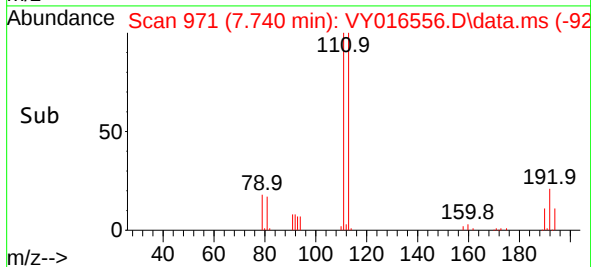
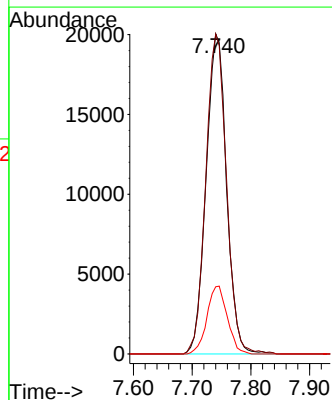
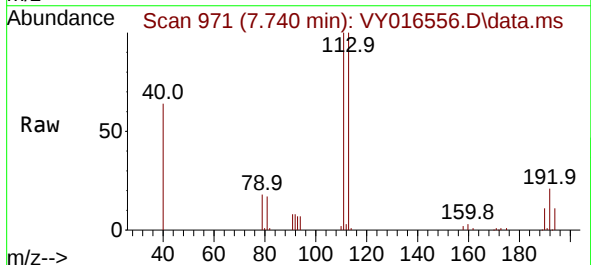
Instrument :
MSVOA_Y
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VIBLK

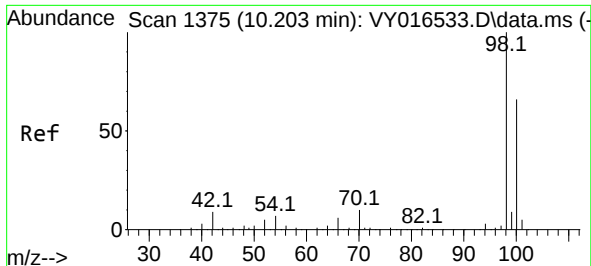
Tgt Ion:114 Resp: 167715
Ion Ratio Lower Upper
114 100
63 16.0 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.160 ug/l
RT: 7.740 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion:113 Resp: 48390
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 21.1 16.9 25.3

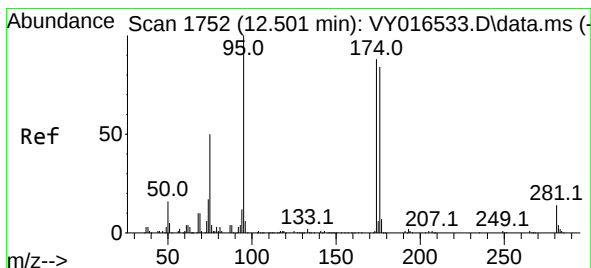
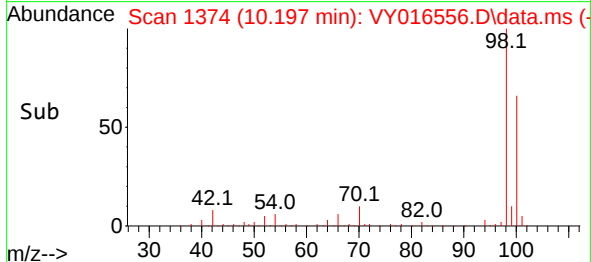
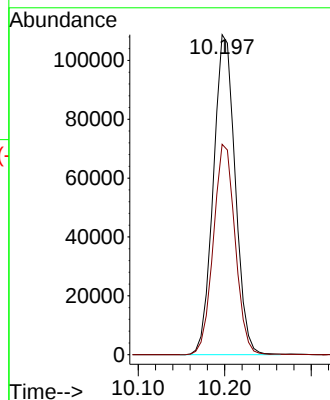
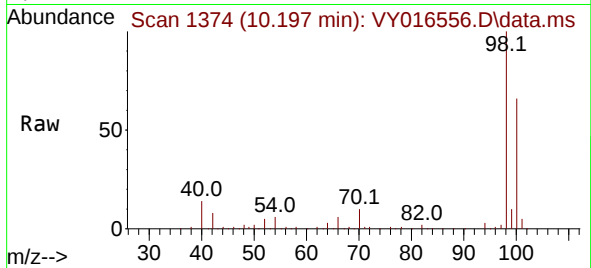




#50
Toluene-d8
Concen: 49.903 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

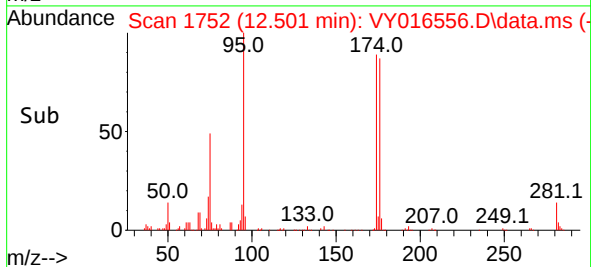
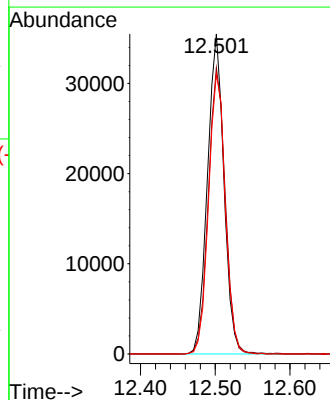
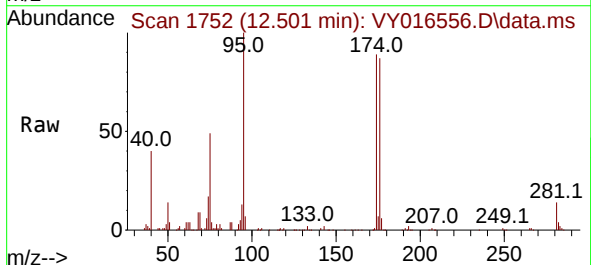
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

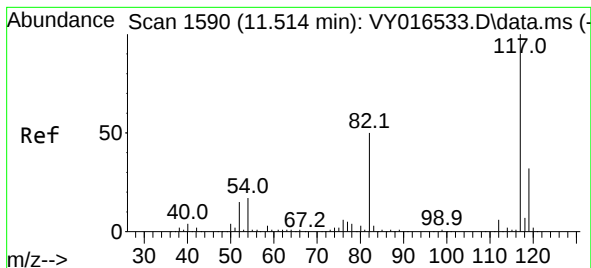
Tgt Ion: 98 Resp: 190517
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.437 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion: 95 Resp: 54418
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 88.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016556.D

Acq: 01 Dec 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

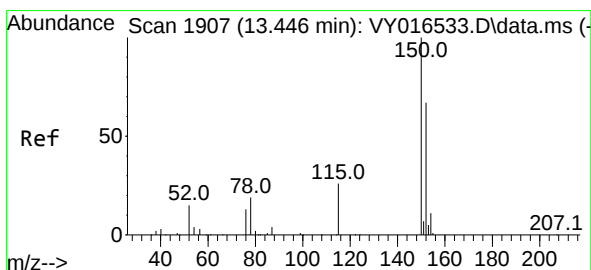
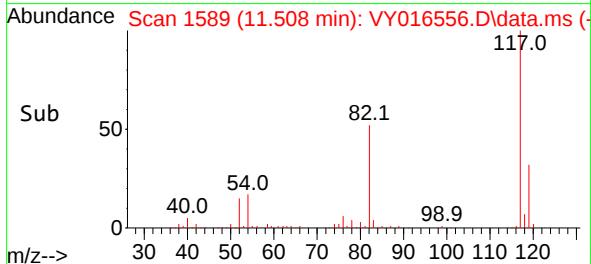
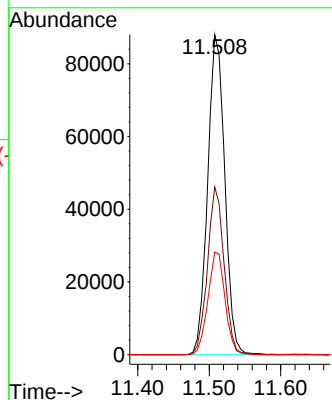
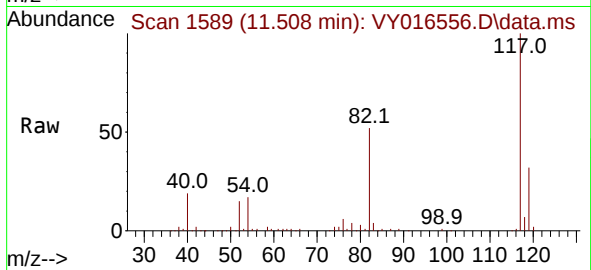
Tgt Ion:117 Resp: 146093

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016556.D

Acq: 01 Dec 2023 12:07

Tgt Ion:152 Resp: 55886

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 158.2 0.0 348.8

