

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014061.D
 Acq On : 07 Jun 2023 15:42
 Operator : KP/MD
 Sample : 03044-12
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-5.0-7.0

Quant Time: Jun 08 02:33:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	51490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	40742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12518	18.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	36.740%#
35) Dibromofluoromethane	7.716	113	16712	41.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.140%
50) Toluene-d8	10.179	98	71446	46.587	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.483	95	11692	22.363	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.720%

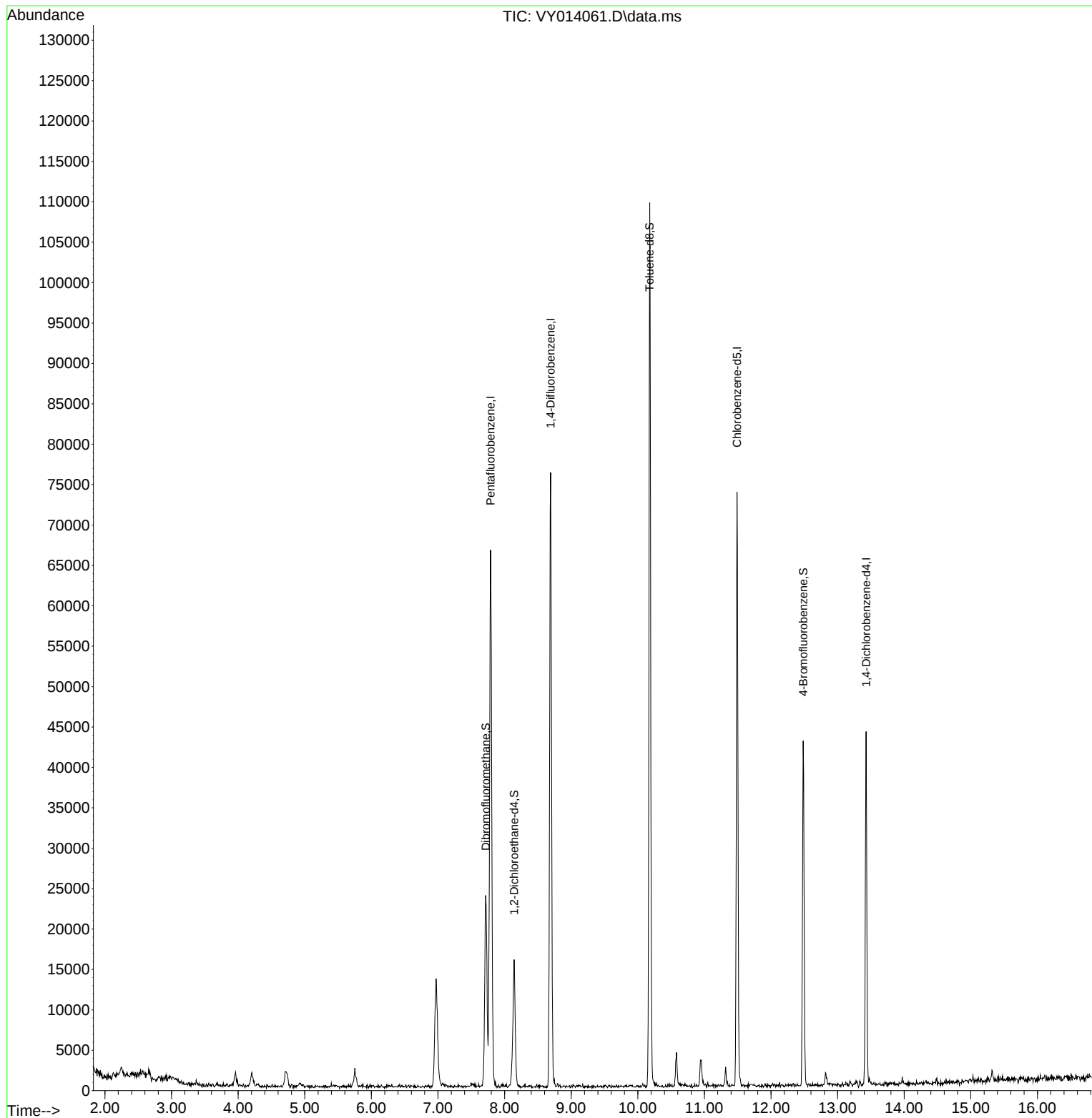
Target Compounds	Qvalue

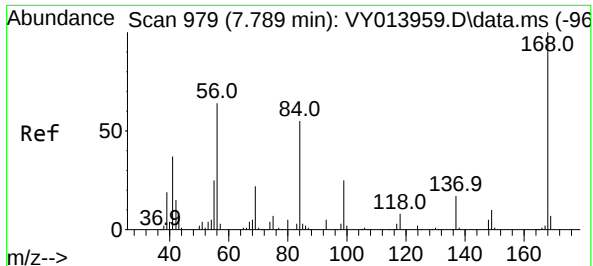
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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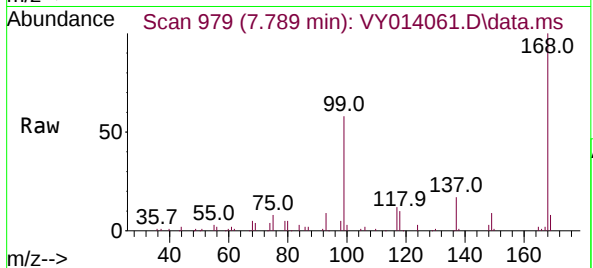
Quant Time: Jun 08 02:33:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
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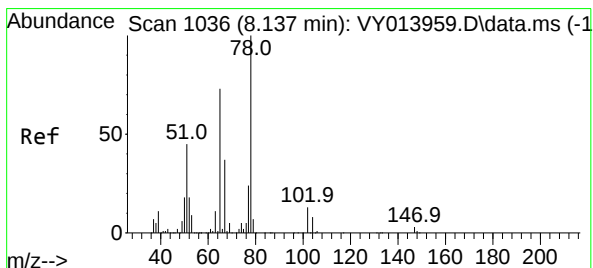
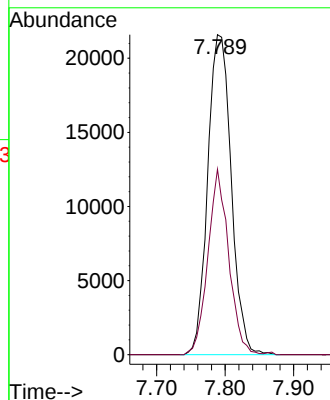
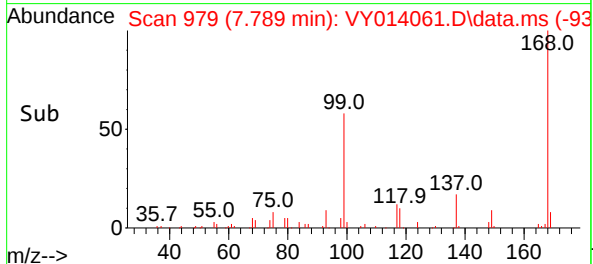


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

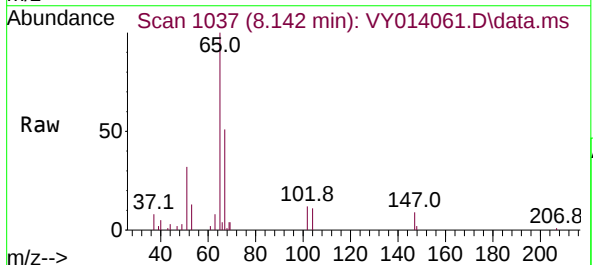
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0



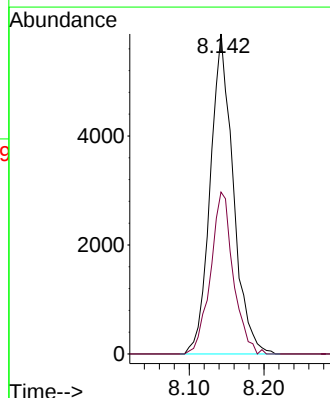
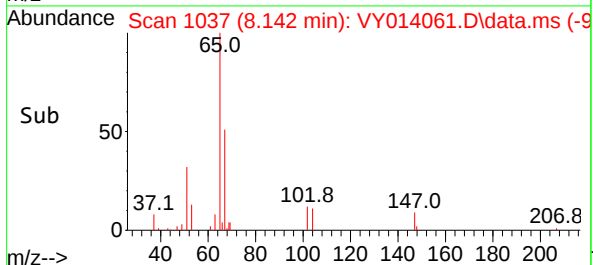
Tgt Ion:168 Resp: 51490
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 18.365 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42



Tgt Ion: 65 Resp: 12518
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014061.D

Acq: 07 Jun 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-5.0-7.0

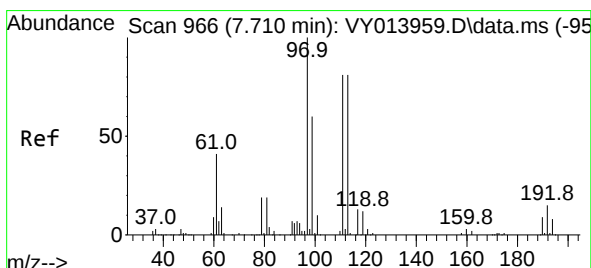
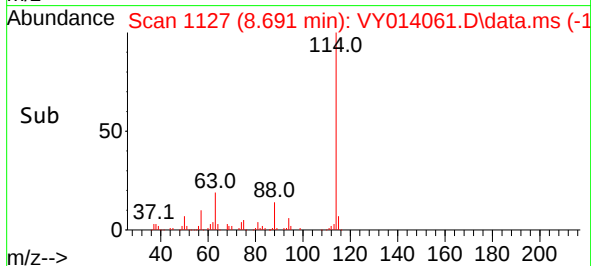
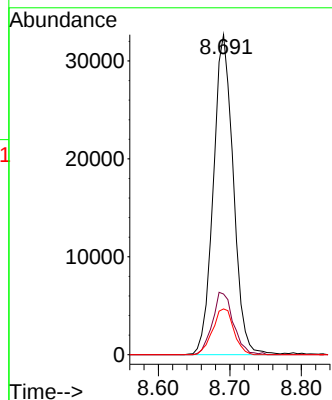
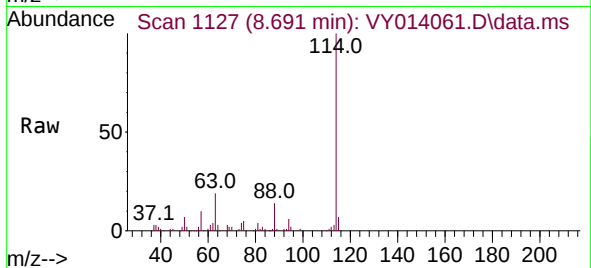
Tgt Ion:114 Resp: 63265

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 41.566 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014061.D

Acq: 07 Jun 2023 15:42

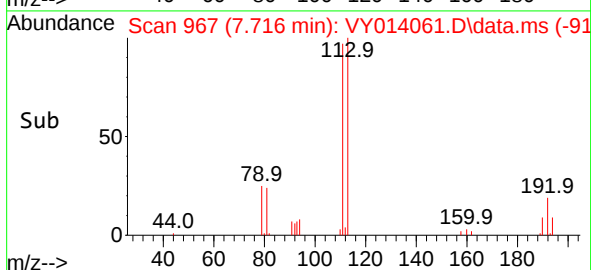
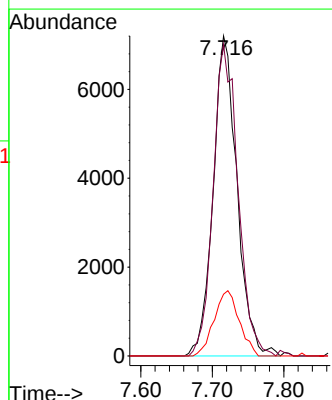
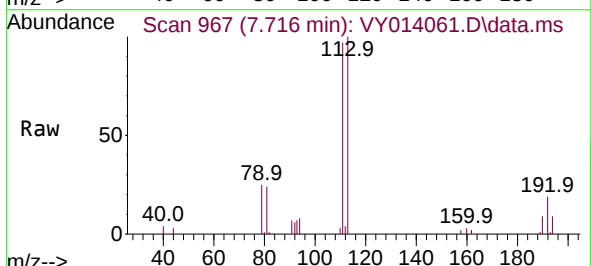
Tgt Ion:113 Resp: 16712

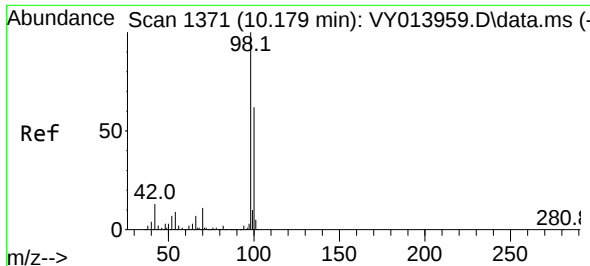
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 21.4 16.9 25.3

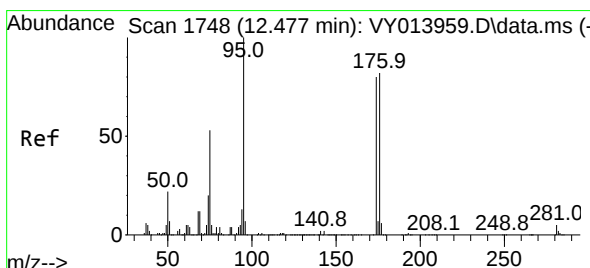
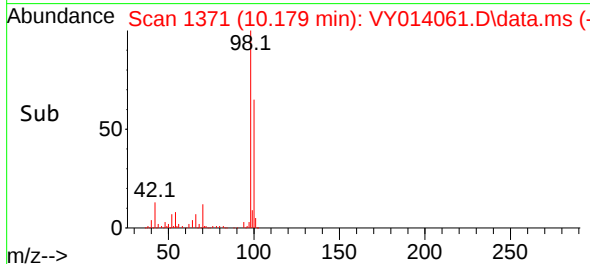
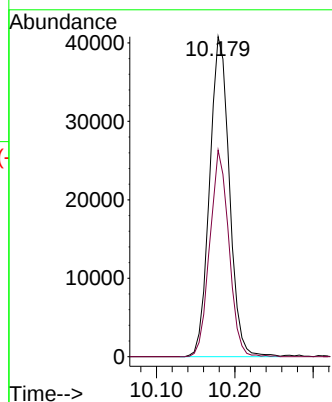
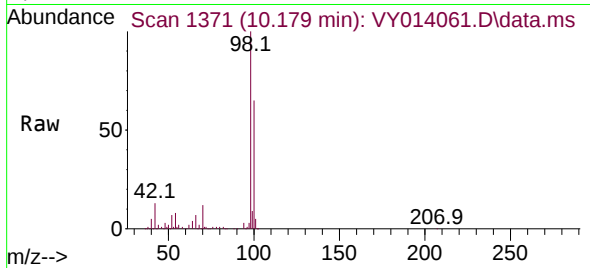




#50
Toluene-d8
Concen: 46.587 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

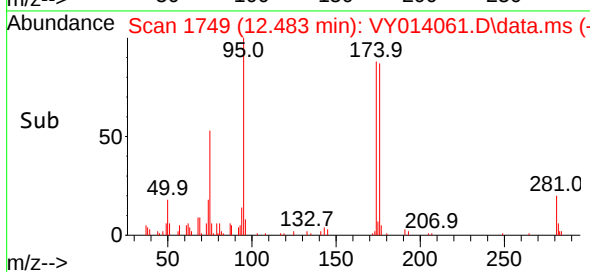
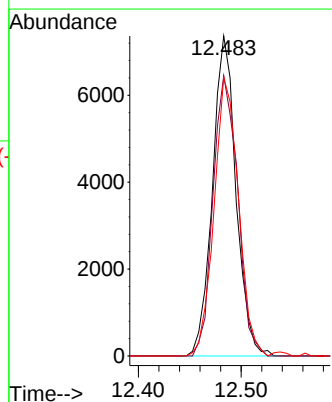
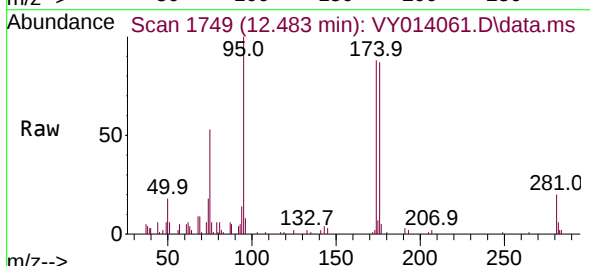
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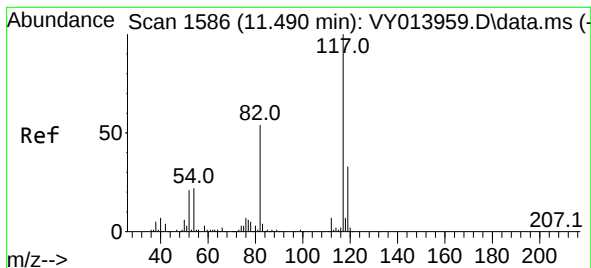
Tgt Ion: 98 Resp: 71446
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 22.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Tgt Ion: 95 Resp: 11692
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 90.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014061.D

Acq: 07 Jun 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-5.0-7.0

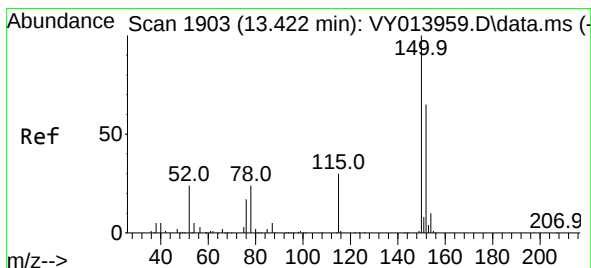
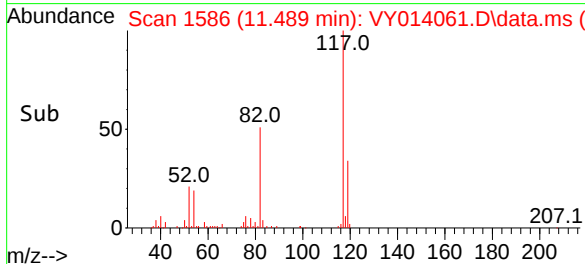
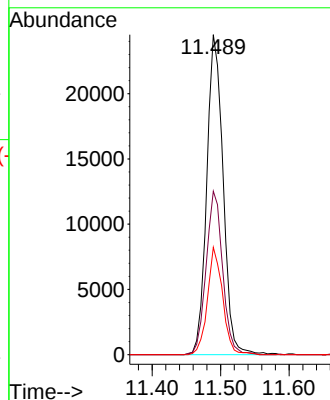
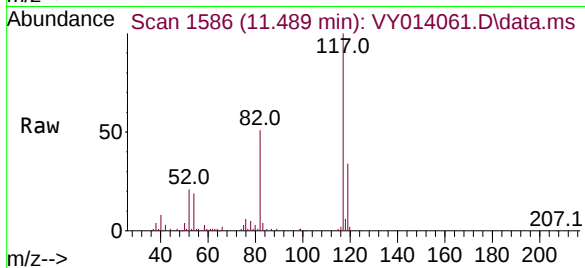
Tgt Ion:117 Resp: 40742

Ion Ratio Lower Upper

117 100

82 51.1 43.4 65.0

119 33.6 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: VY014061.D

Acq: 07 Jun 2023 15:42

Tgt Ion:152 Resp: 11401

Ion Ratio Lower Upper

152 100

115 53.5 28.8 86.5

150 152.0 0.0 348.8

