

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013417.D
 Acq On : 25 Apr 2023 00:21
 Operator : KP/MD
 Sample : VY0424SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBL02

Quant Time: Apr 25 07:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	219312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131673	54.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.540%
35) Dibromofluoromethane	7.716	113	118206	50.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.179	98	380304	45.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.920%
62) 4-Bromofluorobenzene	12.483	95	121496	43.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.100%

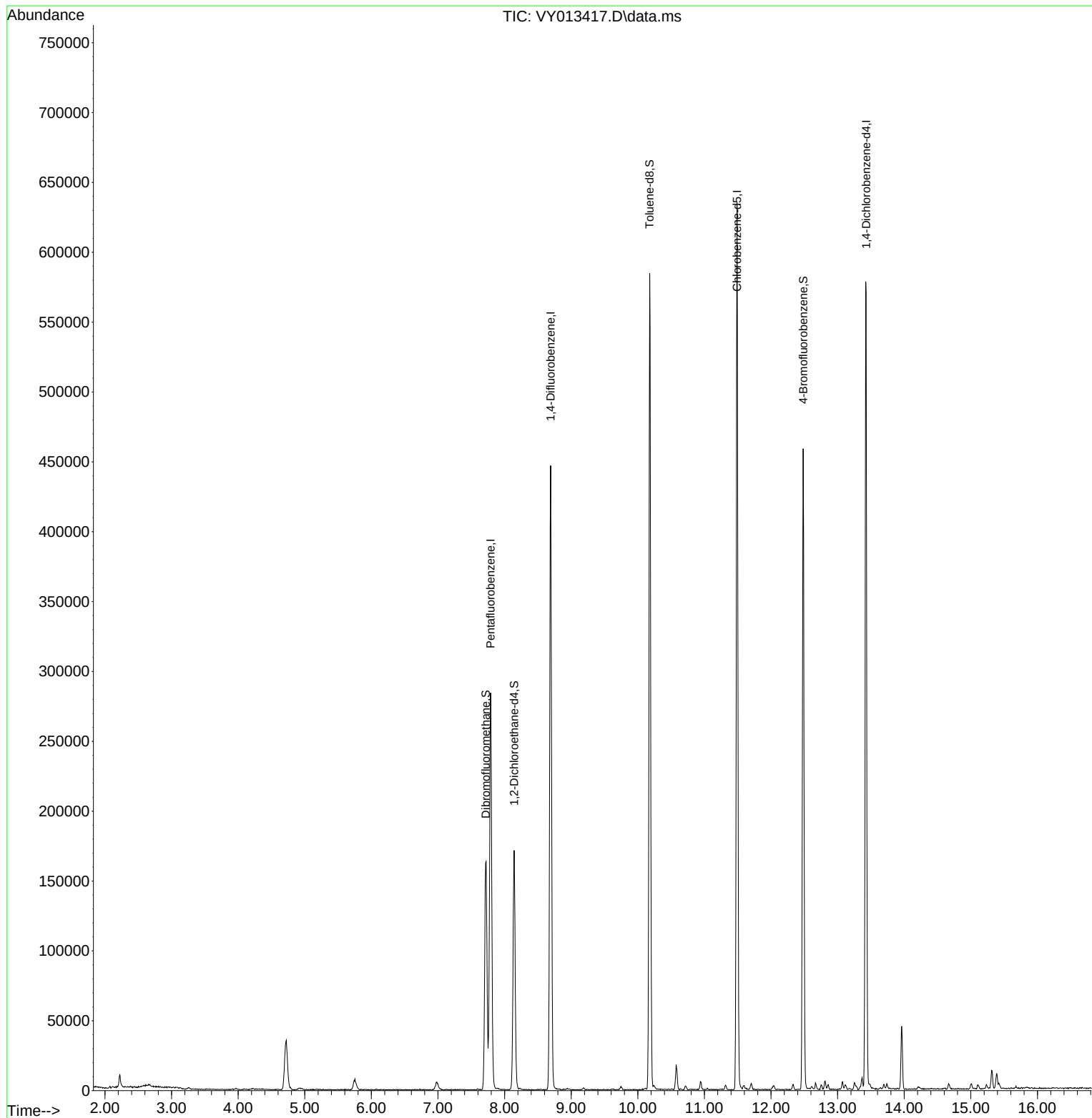
Target Compounds	Qvalue

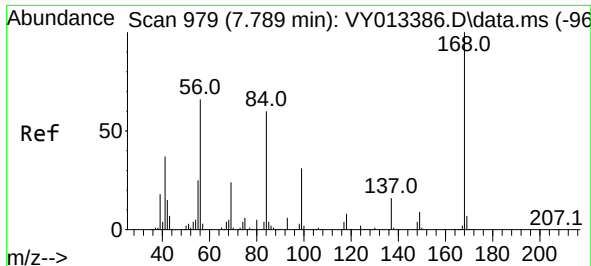
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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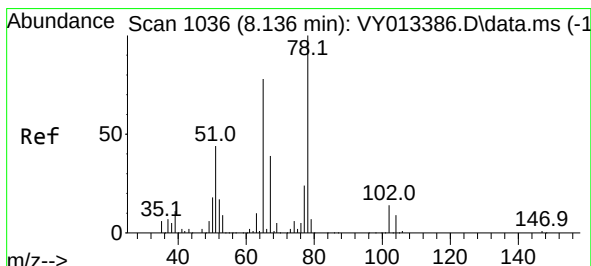
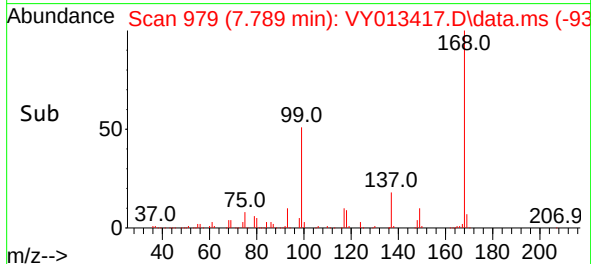
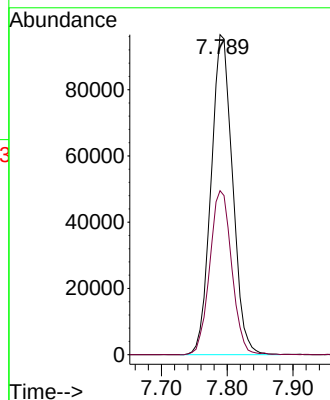
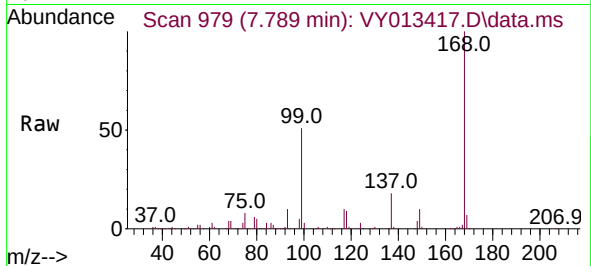




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

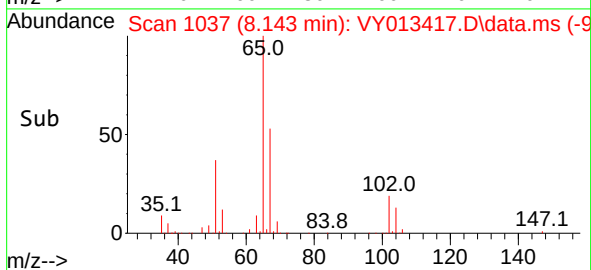
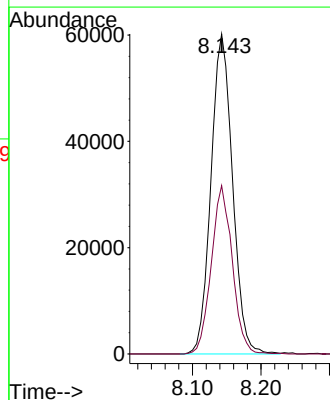
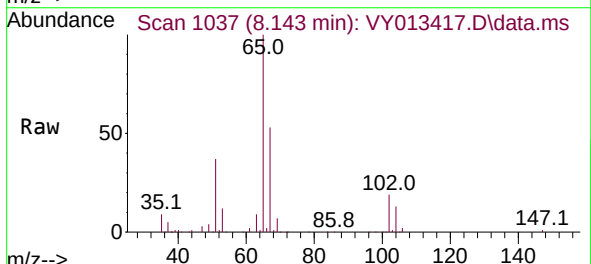
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

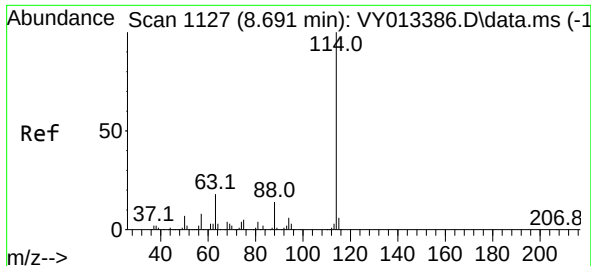
Tgt Ion:168 Resp: 219312
Ion Ratio Lower Upper
168 100
99 51.3 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 54.769 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion: 65 Resp: 131673
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013417.D

Acq: 25 Apr 2023 00:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBL02

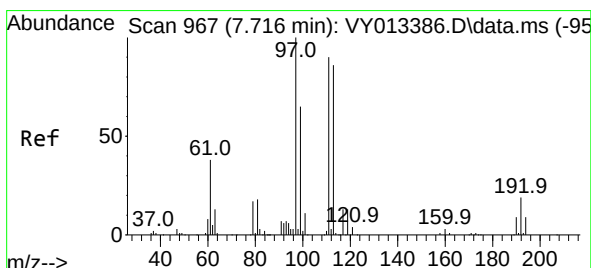
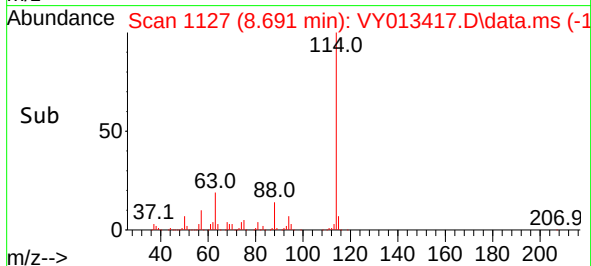
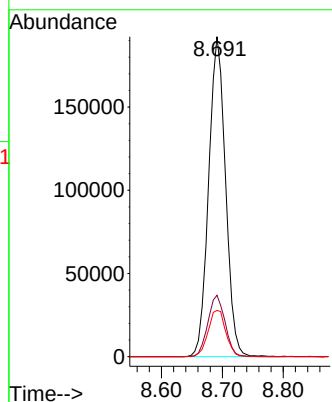
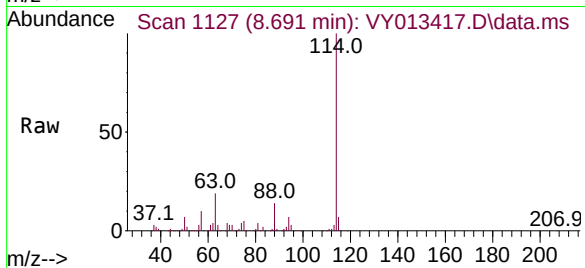
Tgt Ion:114 Resp: 369850

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.815 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013417.D

Acq: 25 Apr 2023 00:21

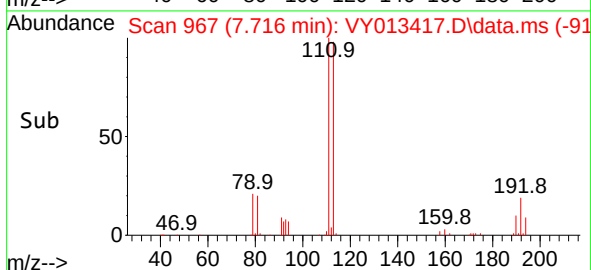
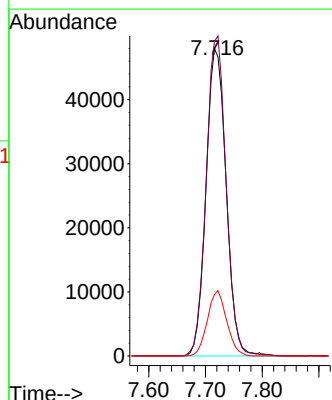
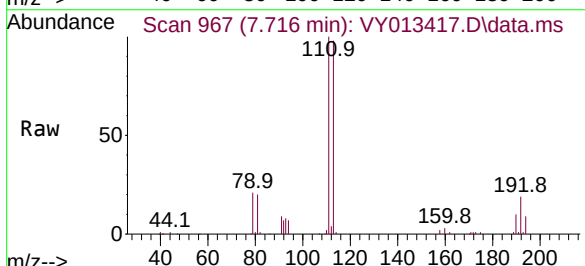
Tgt Ion:113 Resp: 118206

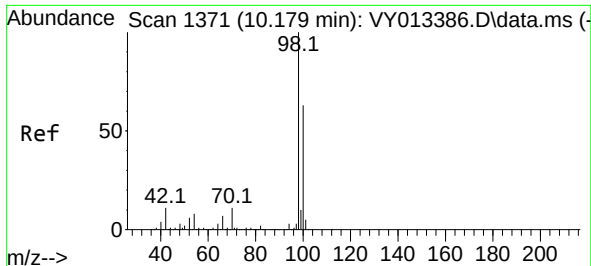
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 20.3 16.7 25.1

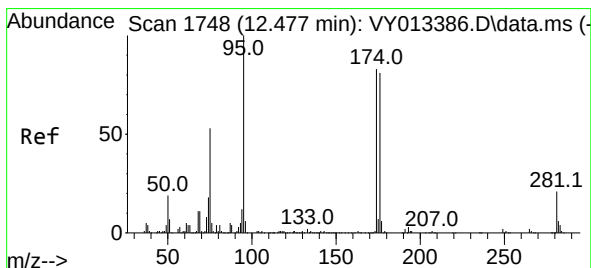
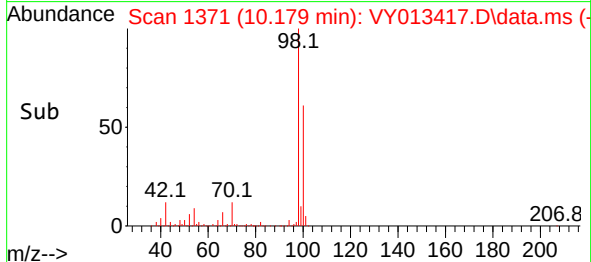
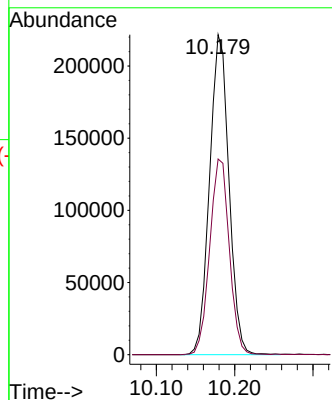
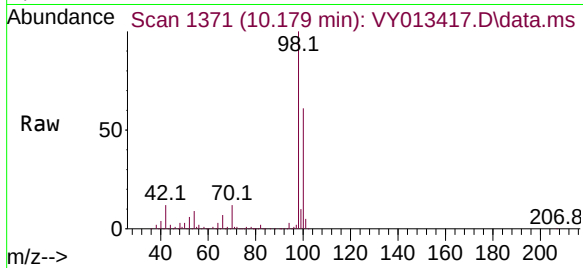




#50
Toluene-d8
Concen: 45.957 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

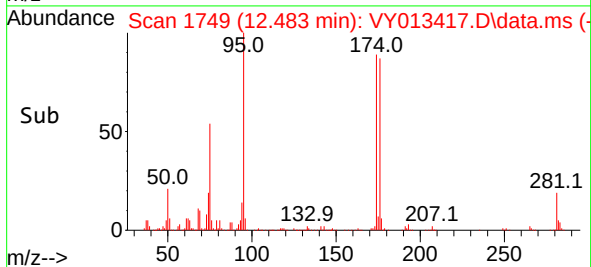
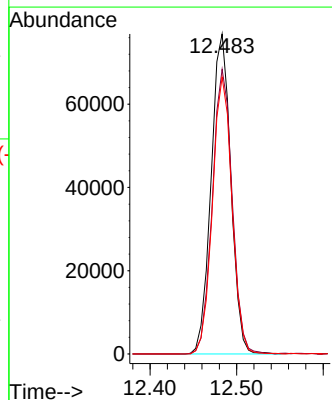
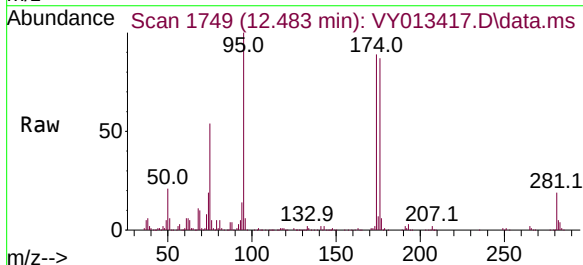
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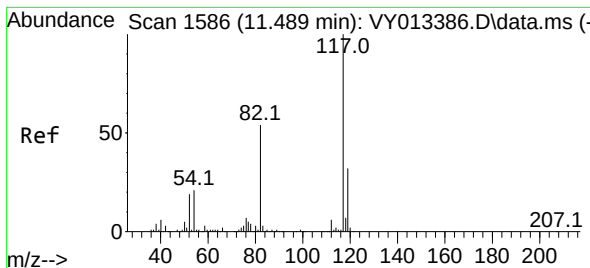
Tgt Ion: 98 Resp: 380304
Ion Ratio Lower Upper
98 100
100 61.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.550 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion: 95 Resp: 121496
Ion Ratio Lower Upper
95 100
174 89.5 0.0 182.0
176 85.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013417.D

Acq: 25 Apr 2023 00:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBL02

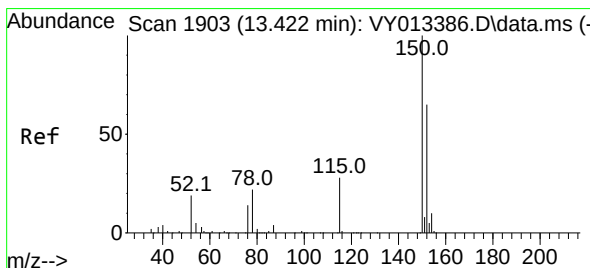
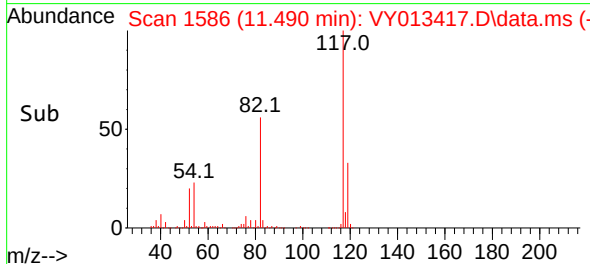
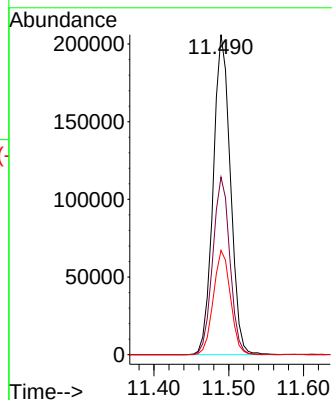
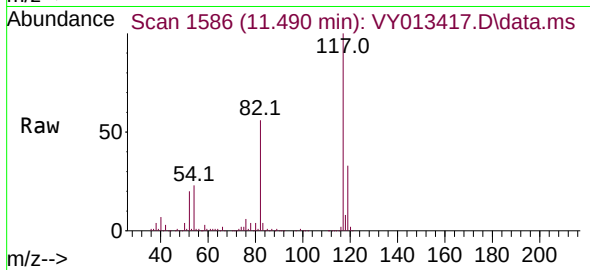
Tgt Ion:117 Resp: 330027

Ion Ratio Lower Upper

117 100

82 55.5 43.0 64.6

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013417.D

Acq: 25 Apr 2023 00:21

Tgt Ion:152 Resp: 151051

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 155.5 0.0 352.0

