

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020623\
 Data File : VY012505.D
 Acq On : 06 Feb 2023 19:06
 Operator : KP/MD
 Sample : 01414-06RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-123-2(75-80)RE

Quant Time: Feb 07 03:47:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 03:42:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93425	47.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.722	113	78584	41.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.120%
50) Toluene-d8	10.179	98	321573	40.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.820%
62) 4-Bromofluorobenzene	12.483	95	108292	40.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.980%

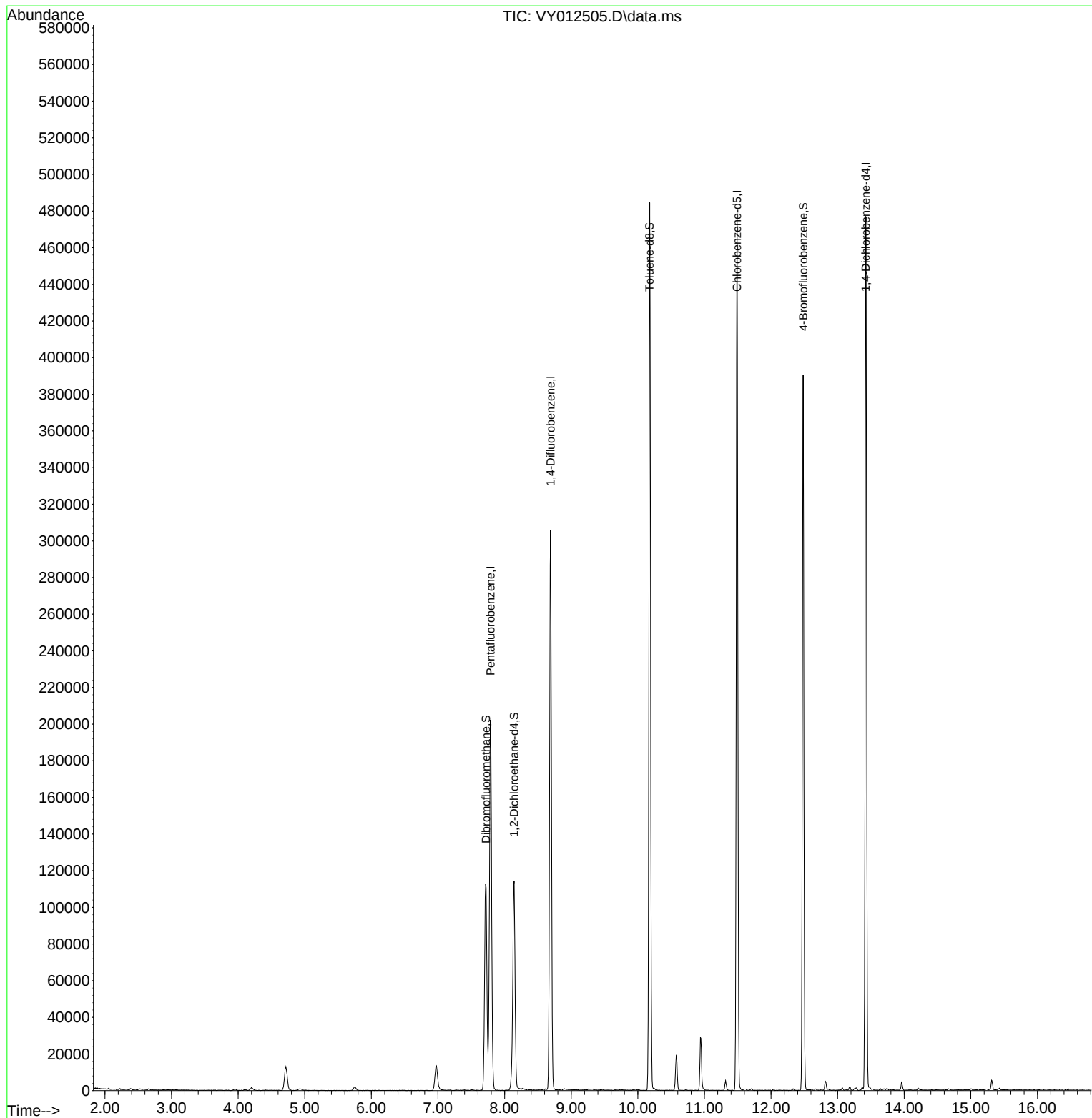
Target Compounds	Qvalue

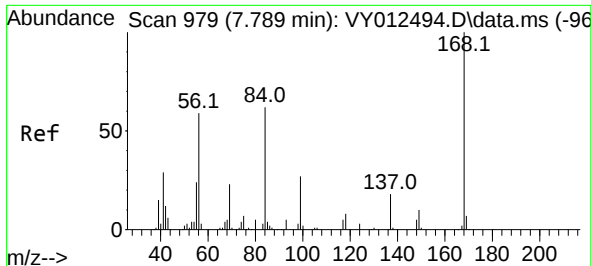
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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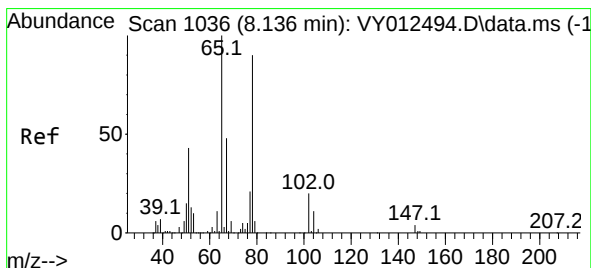
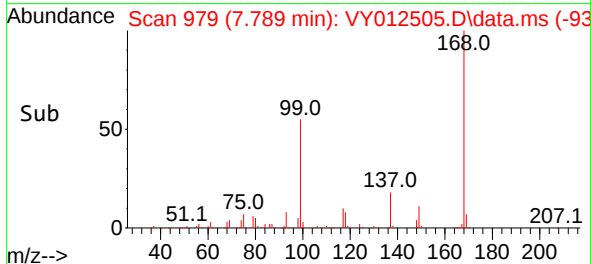
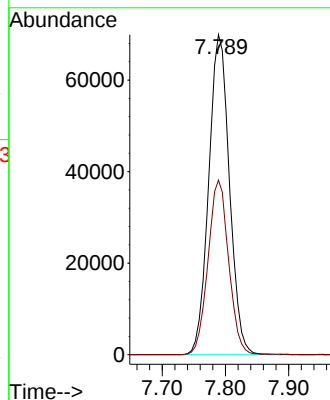
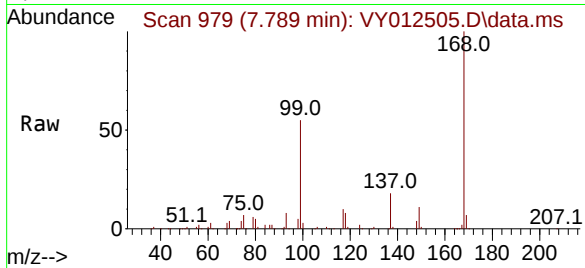




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

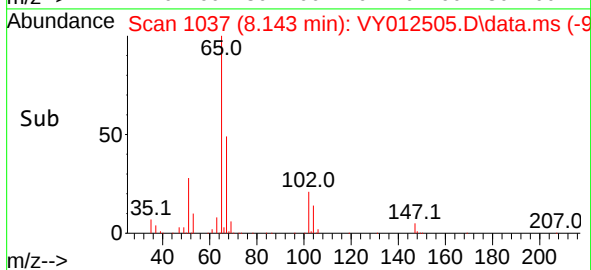
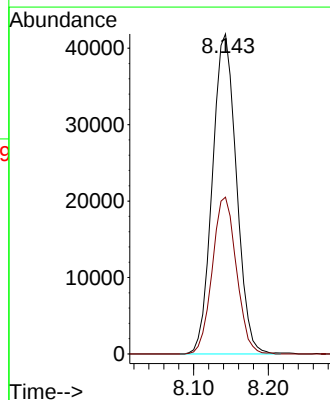
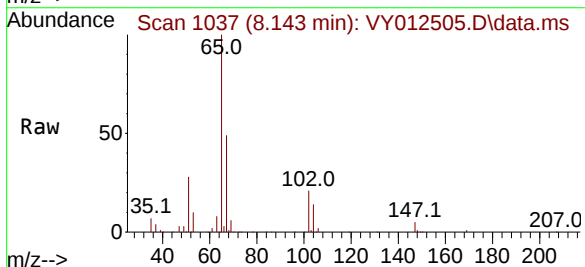
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(75-80)RE

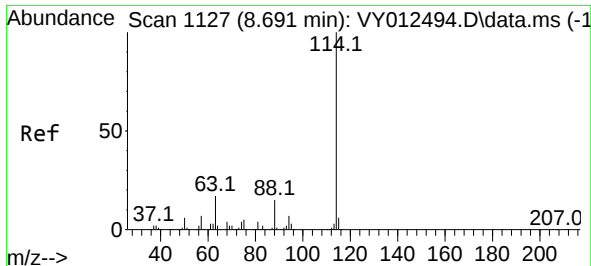
Tgt Ion:168 Resp: 158911
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 47.377 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

Tgt Ion: 65 Resp: 93425
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012505.D

Acq: 06 Feb 2023 19:06

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-123-2(75-80)RE

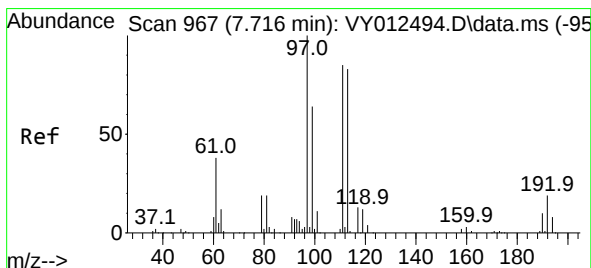
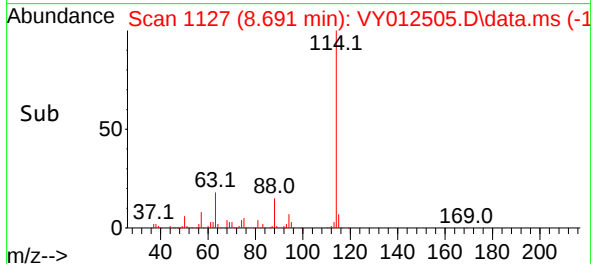
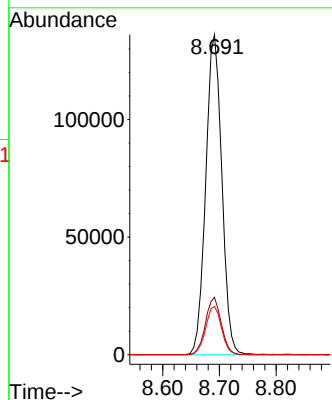
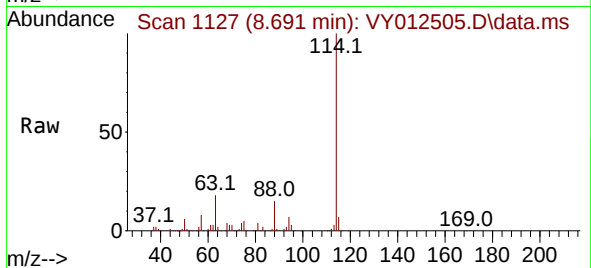
Tgt Ion:114 Resp: 268093

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 41.557 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012505.D

Acq: 06 Feb 2023 19:06

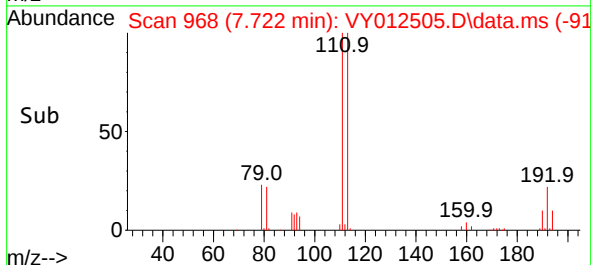
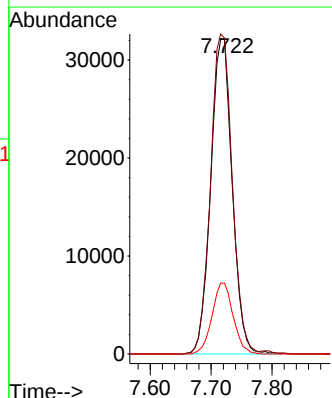
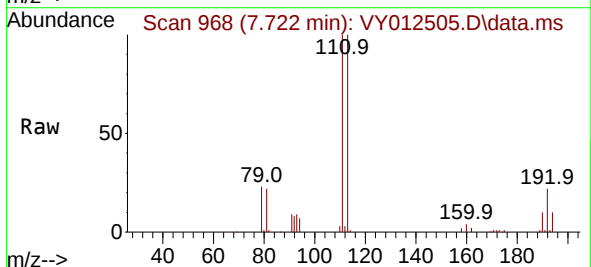
Tgt Ion:113 Resp: 78584

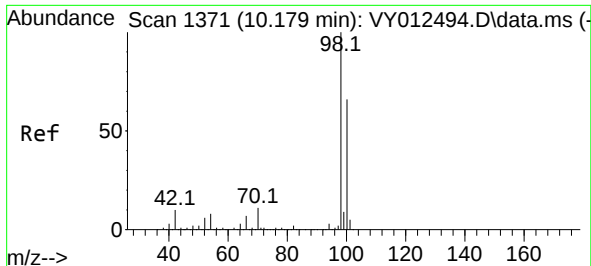
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 22.2 16.0 24.0

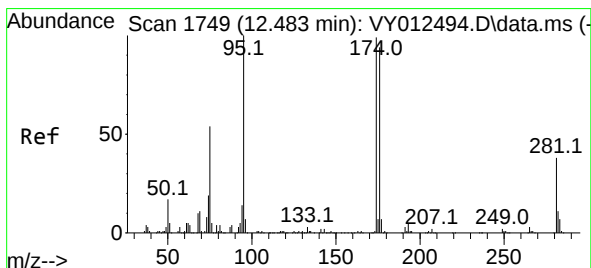
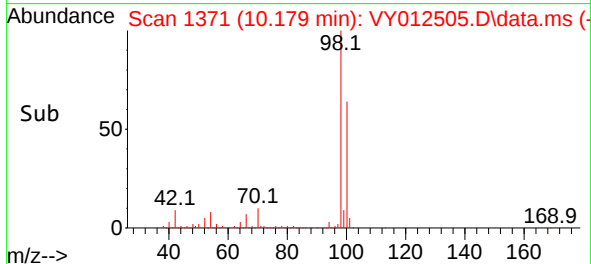
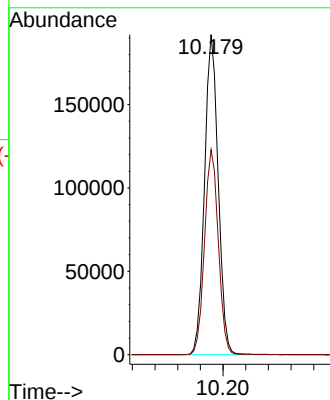
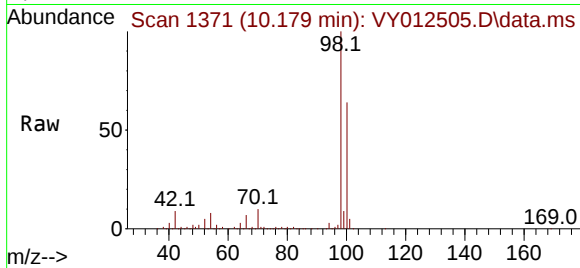




#50
Toluene-d8
Concen: 40.911 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

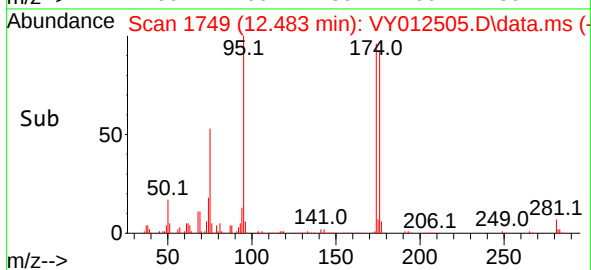
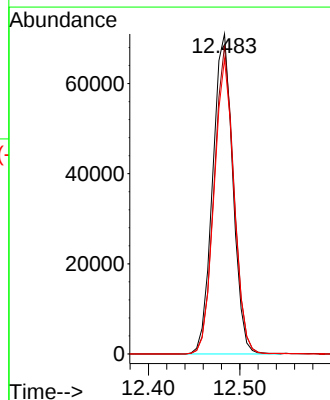
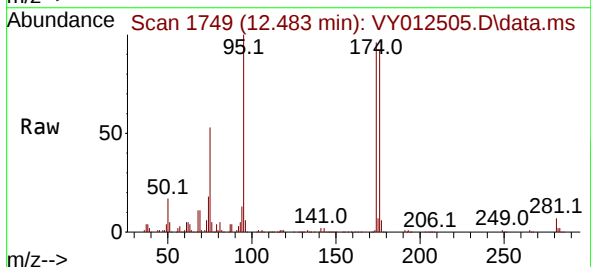
Instrument :
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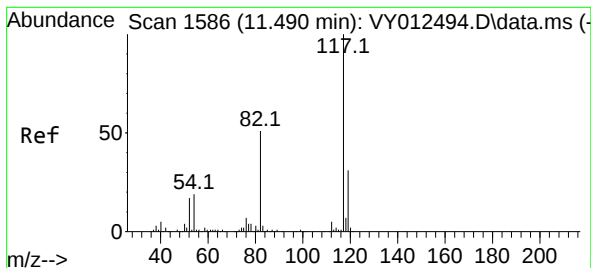
Tgt Ion: 98 Resp: 321573
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

Tgt Ion: 95 Resp: 108292
Ion Ratio Lower Upper
95 100
174 94.9 0.0 172.0
176 91.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012505.D

Acq: 06 Feb 2023 19:06

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-123-2(75-80)RE

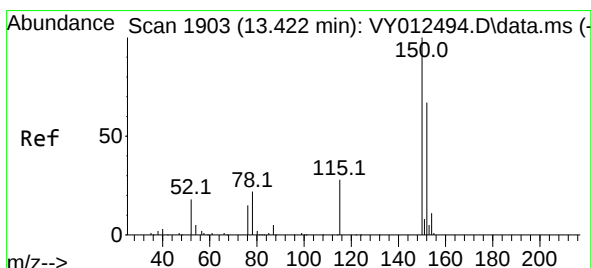
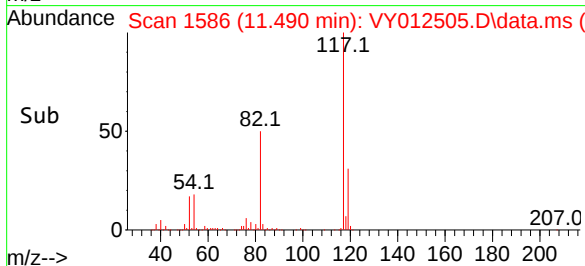
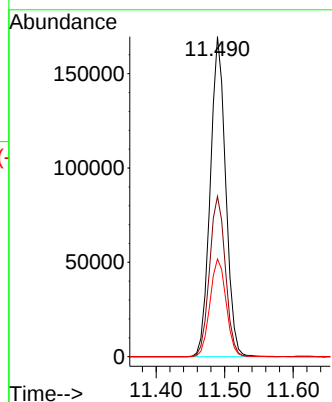
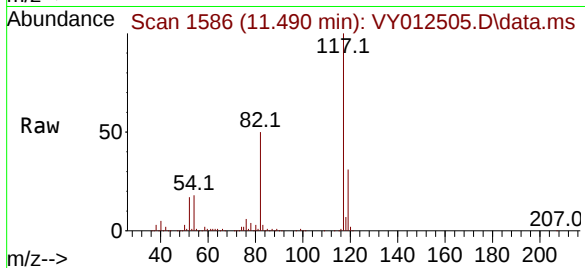
Tgt Ion:117 Resp: 265890

Ion Ratio Lower Upper

117 100

82 50.1 44.8 67.2

119 30.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY012505.D

Acq: 06 Feb 2023 19:06

Tgt Ion:152 Resp: 126603

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 159.0 0.0 342.6

