

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012595.D
 Acq On : 14 Feb 2023 18:08
 Operator : KP/MD
 Sample : 01552-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Feb 15 01:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	35915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	54420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17119	37.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.960%
35) Dibromofluoromethane	7.716	113	16230	40.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.179	98	63595	38.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.100%
62) 4-Bromofluorobenzene	12.483	95	17166	29.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.660%

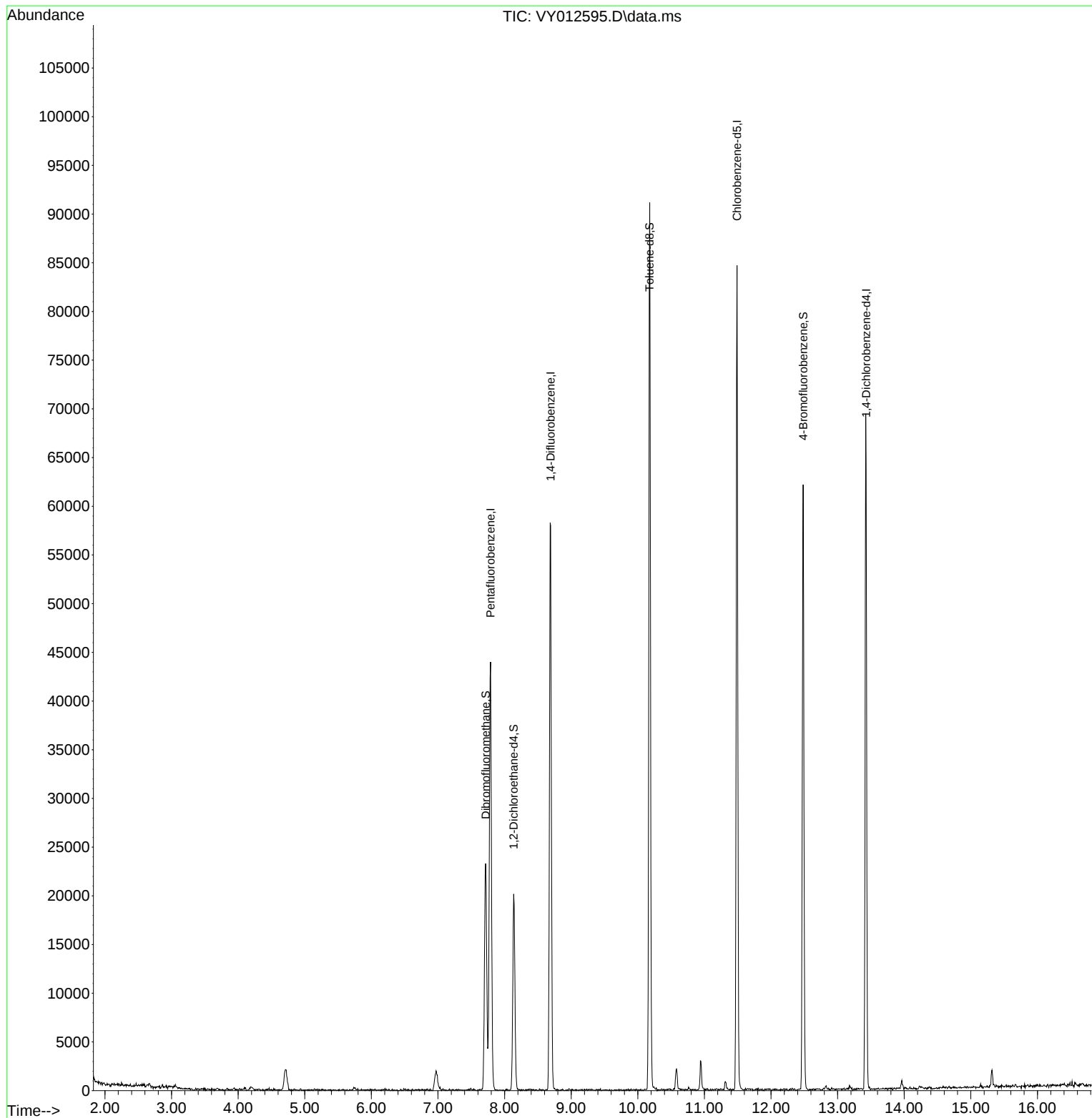
Target Compounds	Qvalue

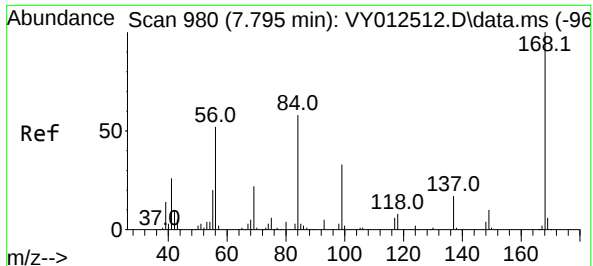
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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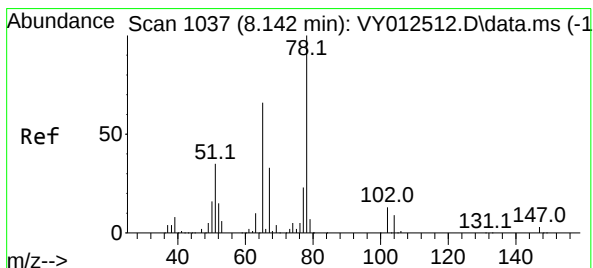
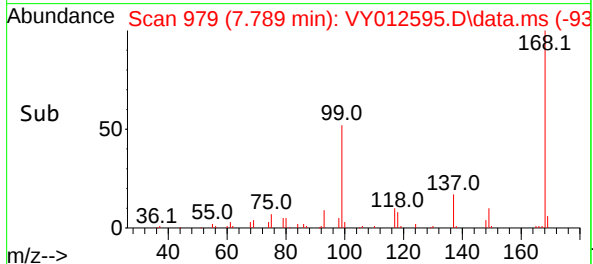
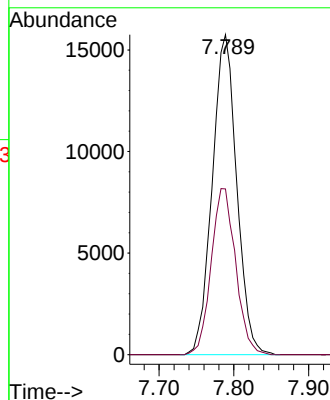
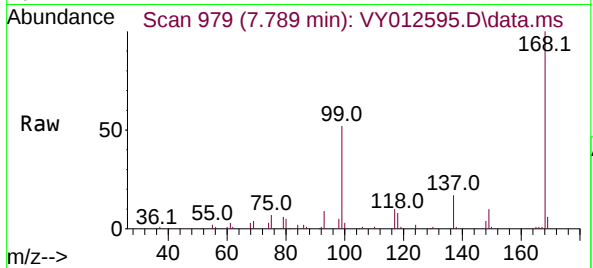




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

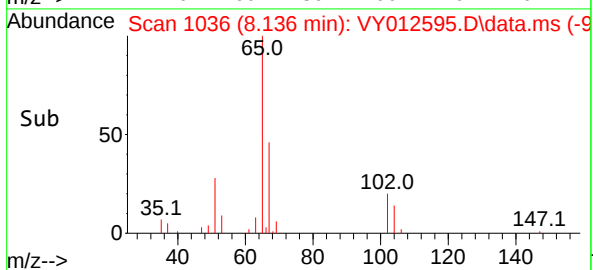
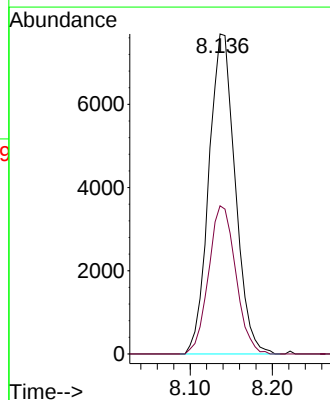
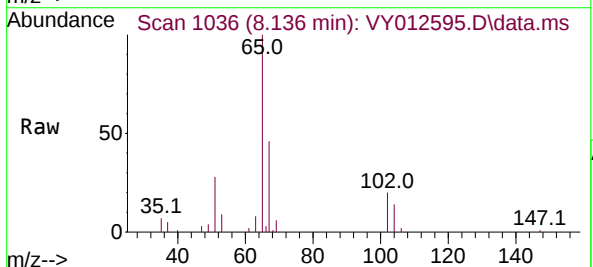
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

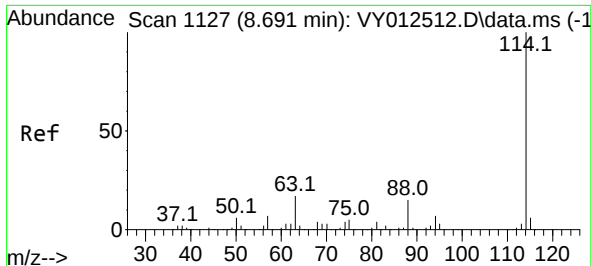
Tgt Ion:168 Resp: 35915
Ion Ratio Lower Upper
168 100
99 51.8 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 37.484 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Tgt Ion: 65 Resp: 17119
Ion Ratio Lower Upper
65 100
67 47.6 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-0-2.0

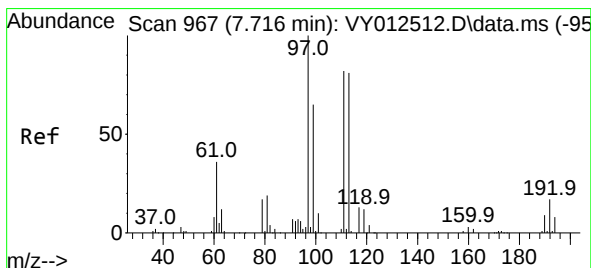
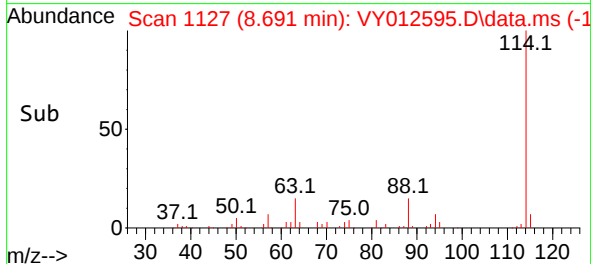
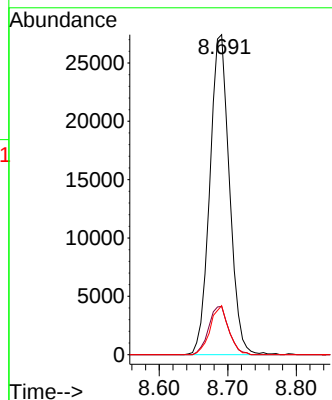
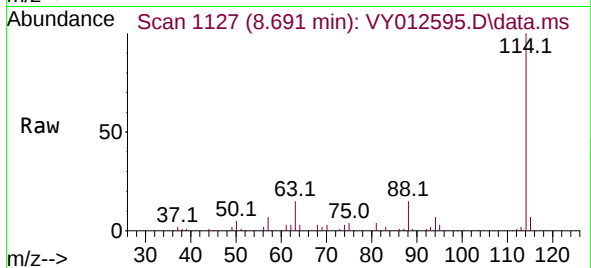
Tgt Ion:114 Resp: 54420

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.6

88 15.3 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.952 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

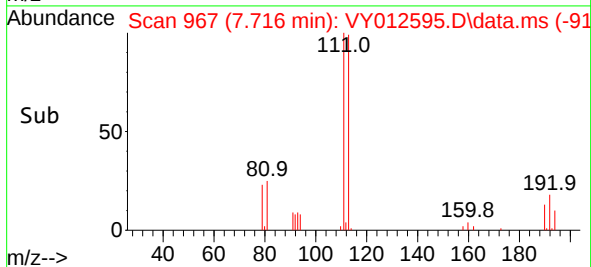
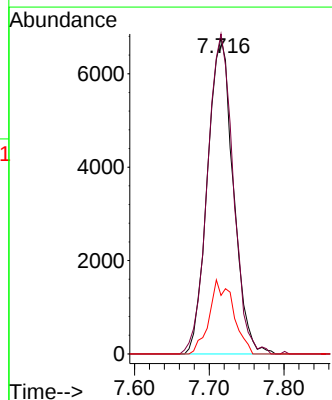
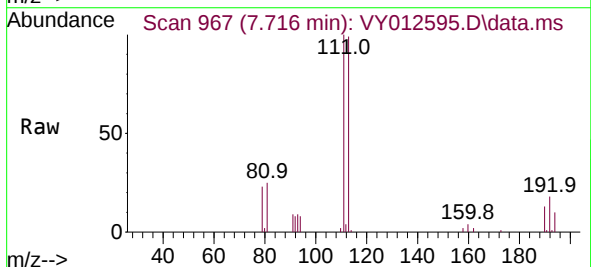
Tgt Ion:113 Resp: 16230

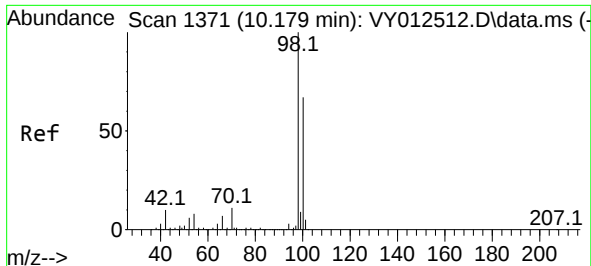
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 21.8 17.5 26.3

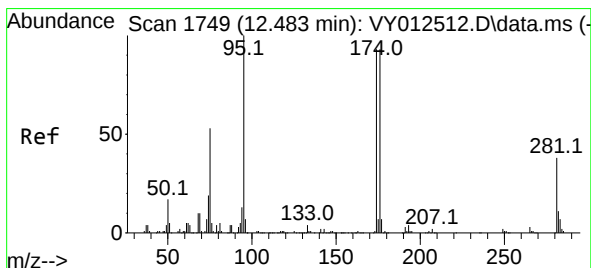
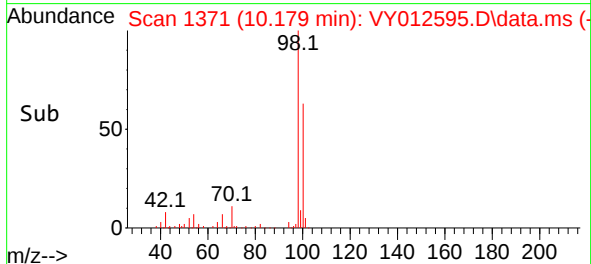
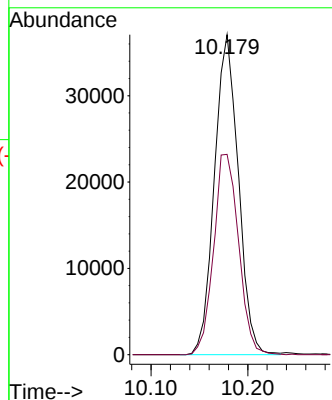
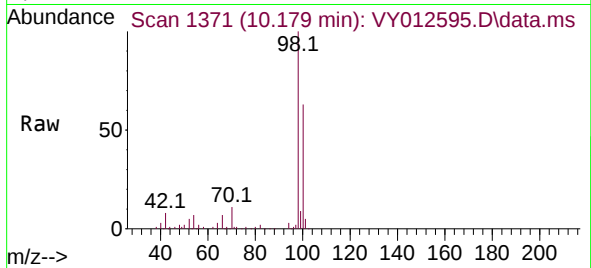




#50
Toluene-d8
Concen: 38.552 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

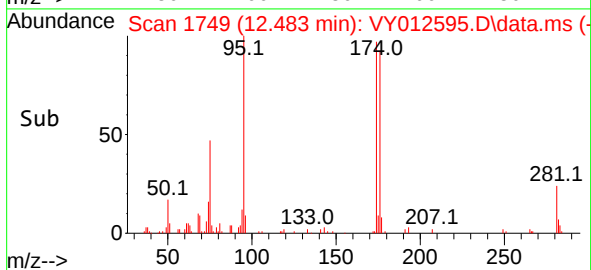
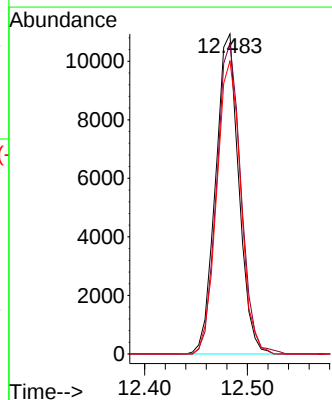
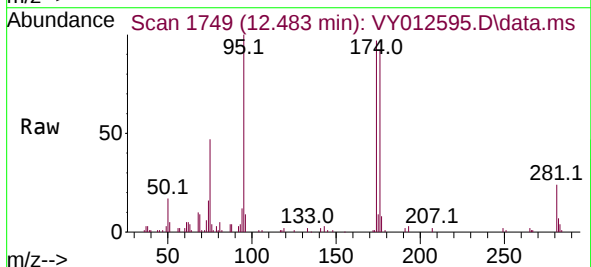
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

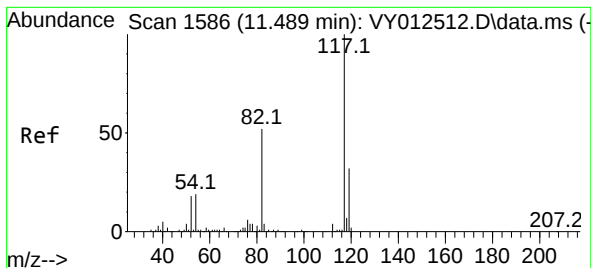
Tgt Ion: 98 Resp: 63595
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 29.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Tgt Ion: 95 Resp: 17166
Ion Ratio Lower Upper
95 100
174 100.8 0.0 188.0
176 94.8 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-0-2.0

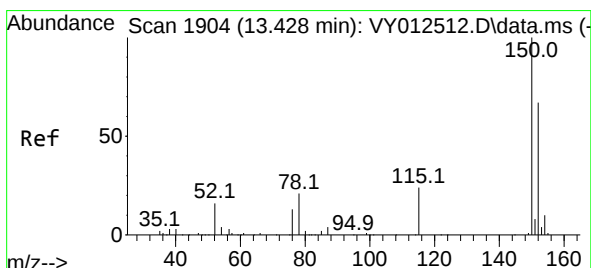
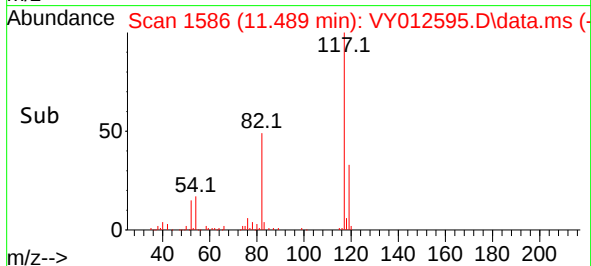
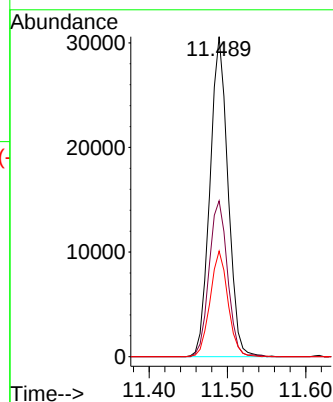
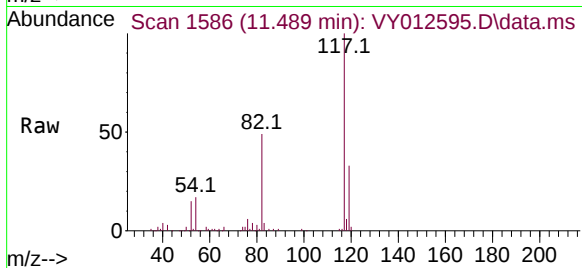
Tgt Ion:117 Resp: 48832

Ion Ratio Lower Upper

117 100

82 48.7 41.7 62.5

119 33.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

Tgt Ion:152 Resp: 20096

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.3

150 158.3 0.0 351.0

