

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012611.D
 Acq On : 15 Feb 2023 13:43
 Operator : KP/MD
 Sample : 01552-18
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-4.0-6.0

Quant Time: Feb 16 00:54:24 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	7.795	168	1639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3802	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1443	69.236	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.480%
35) Dibromofluoromethane	7.710	113	413	18.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.240%#
50) Toluene-d8	10.179	98	3995	43.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.560%
62) 4-Bromofluorobenzene	12.477	95	1302	40.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.880%

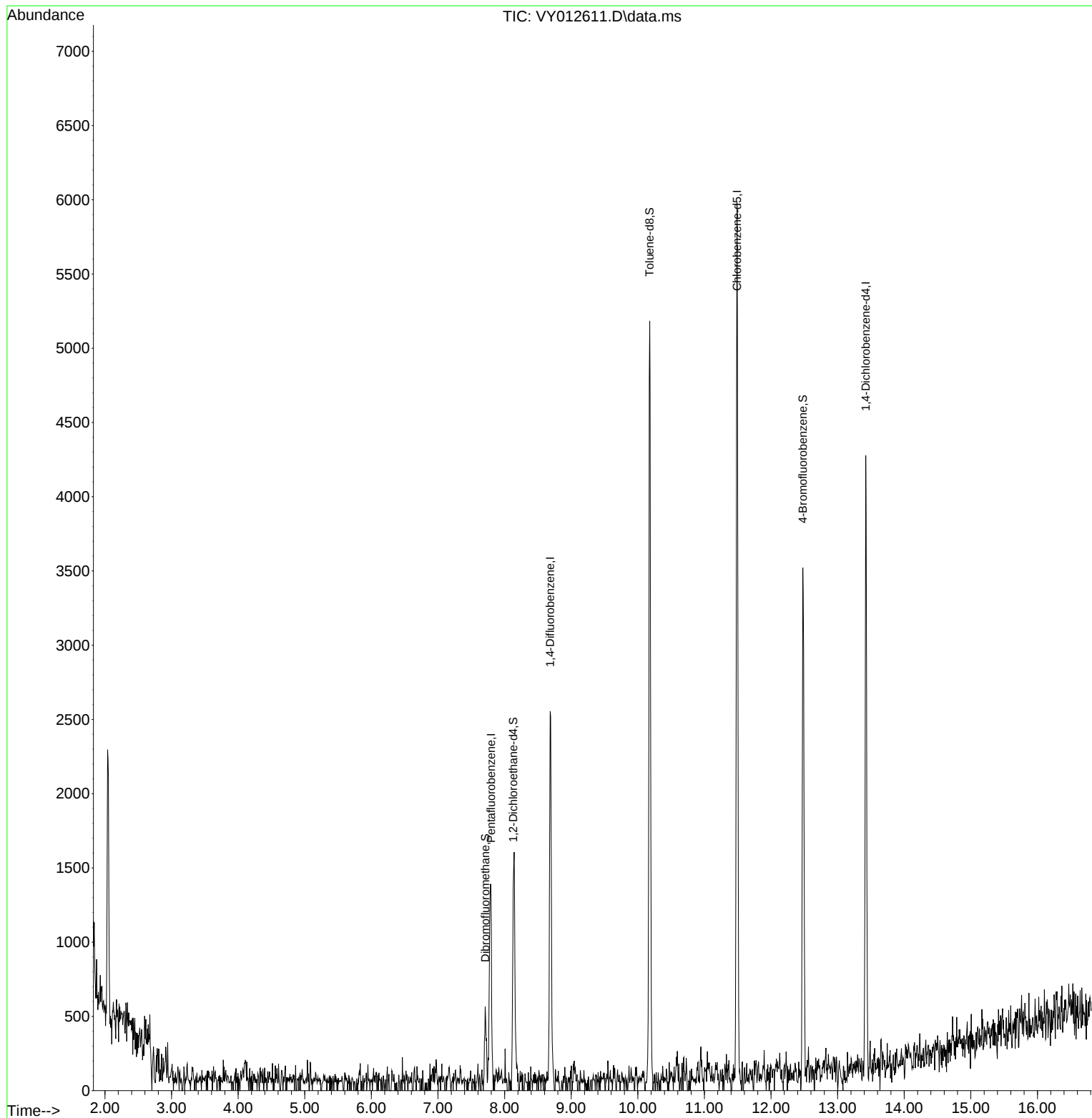
Target Compounds	Qvalue

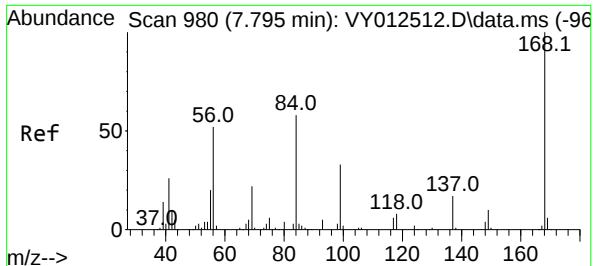
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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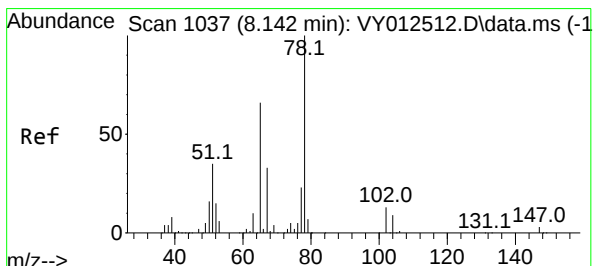
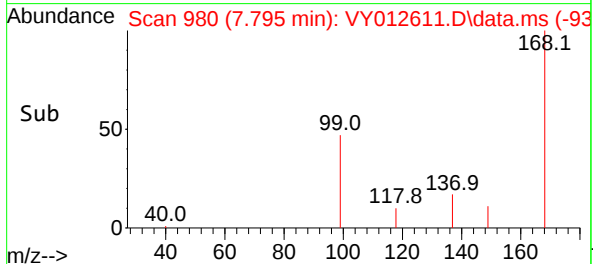
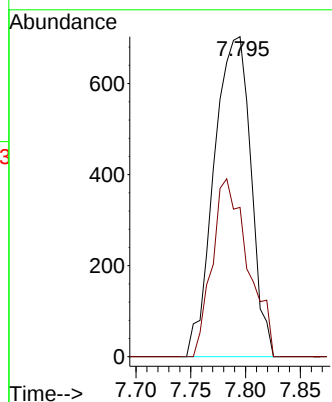
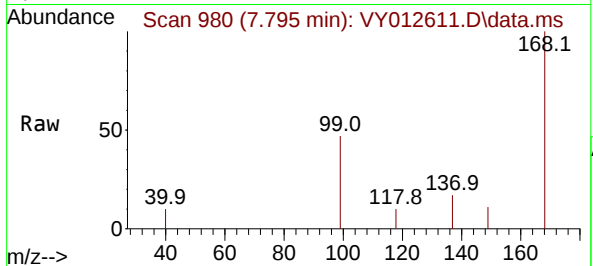




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012611.D
Acq: 15 Feb 2023 13:43

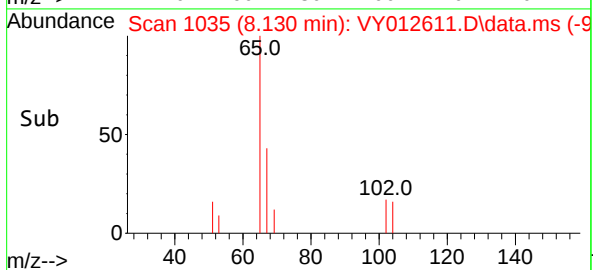
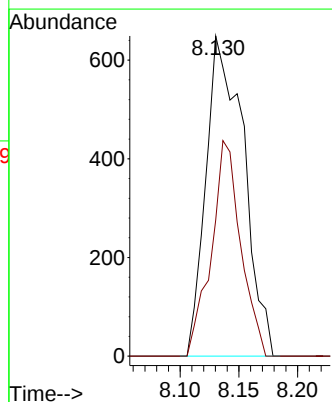
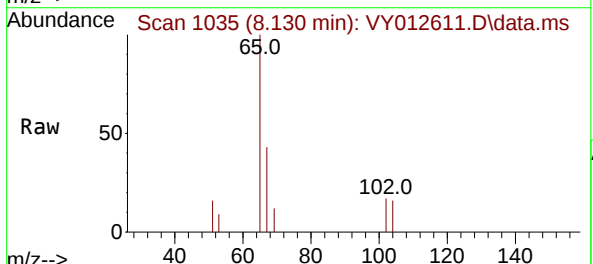
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-4.0-6.0

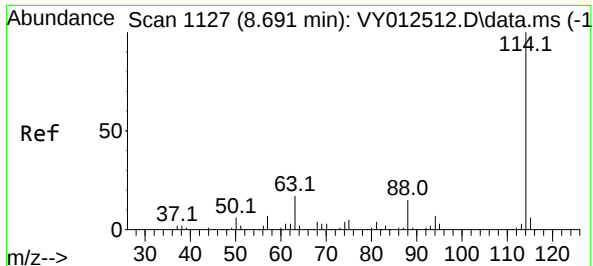
Tgt Ion:168 Resp: 1639
Ion Ratio Lower Upper
168 100
99 46.7 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 69.236 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY012611.D
Acq: 15 Feb 2023 13:43

Tgt Ion: 65 Resp: 1443
Ion Ratio Lower Upper
65 100
67 52.9 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012611.D

Acq: 15 Feb 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-4.0-6.0

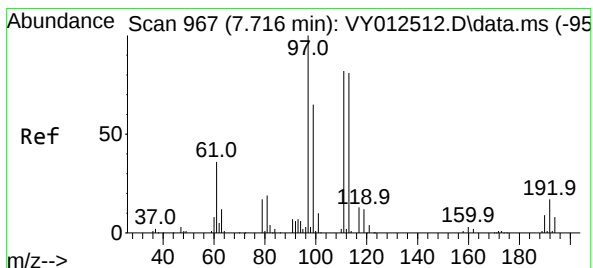
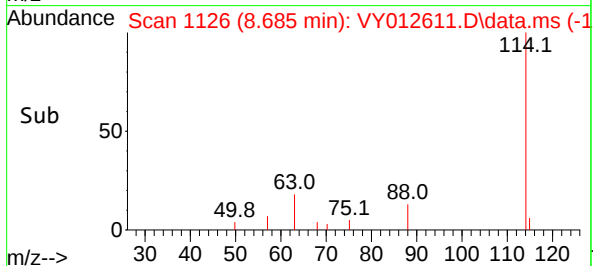
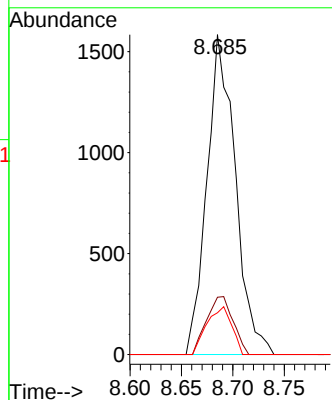
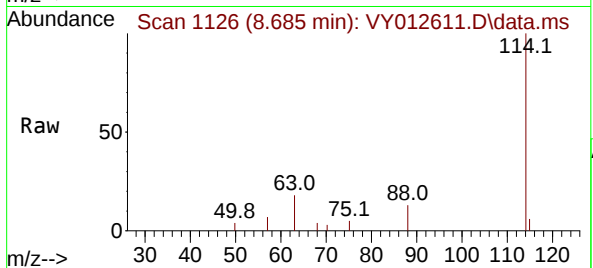
Tgt Ion:114 Resp: 3045

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.6

88 13.1 0.0 29.8



#35

Dibromofluoromethane

Concen: 18.624 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012611.D

Acq: 15 Feb 2023 13:43

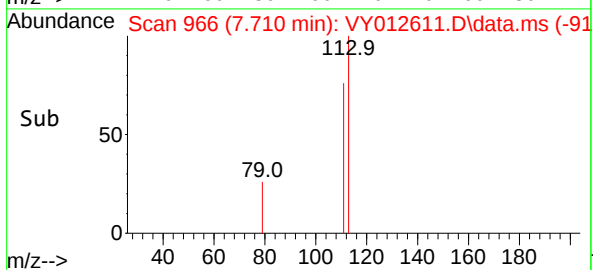
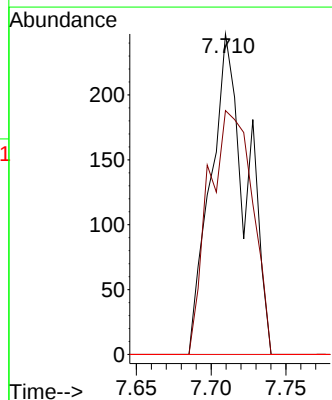
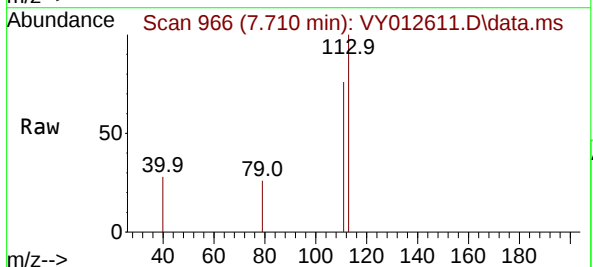
Tgt Ion:113 Resp: 413

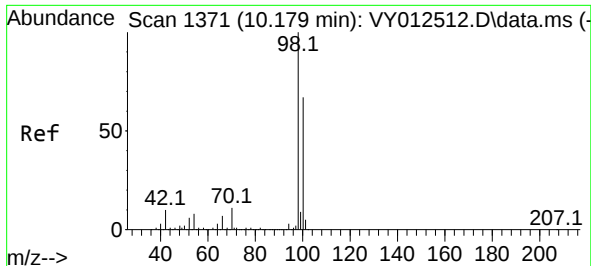
Ion Ratio Lower Upper

113 100

111 92.7 81.9 122.9

192 0.0 17.5 26.3#

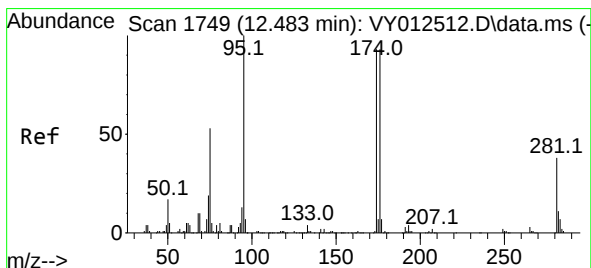
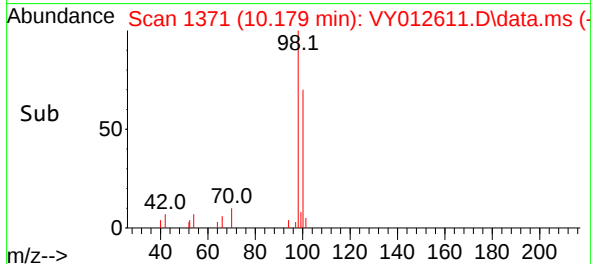
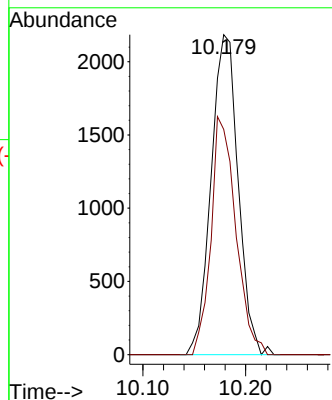
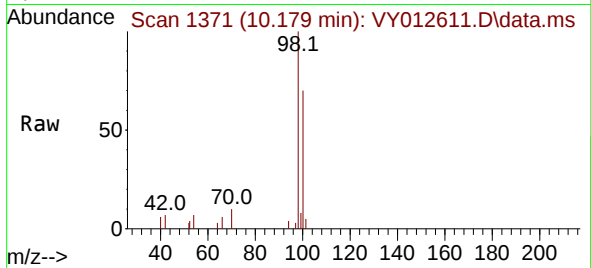




#50
Toluene-d8
Concen: 43.282 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012611.D
Acq: 15 Feb 2023 13:43

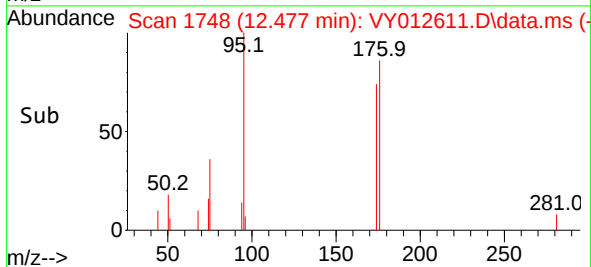
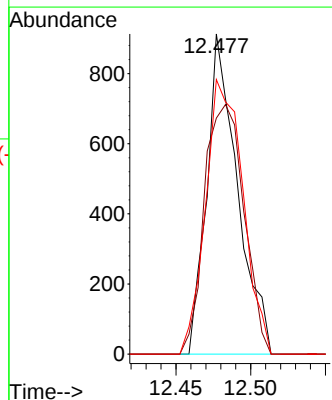
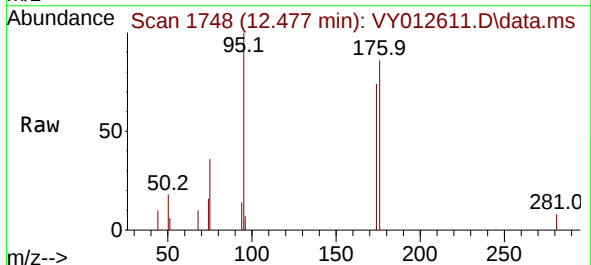
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-4.0-6.0

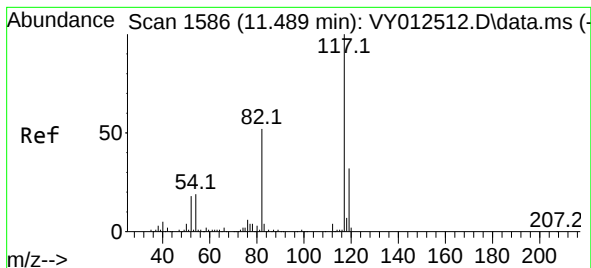
Tgt Ion: 98 Resp: 3995
Ion Ratio Lower Upper
98 100
100 68.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 40.441 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012611.D
Acq: 15 Feb 2023 13:43

Tgt Ion: 95 Resp: 1302
Ion Ratio Lower Upper
95 100
174 100.4 0.0 188.0
176 104.1 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: VY012611.D

Acq: 15 Feb 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-4.0-6.0

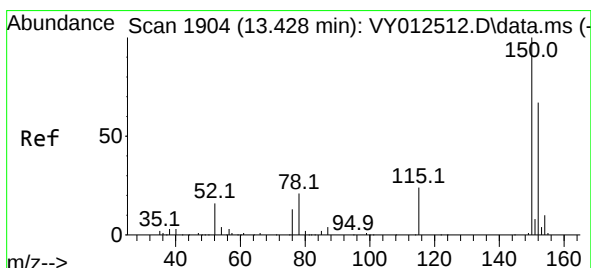
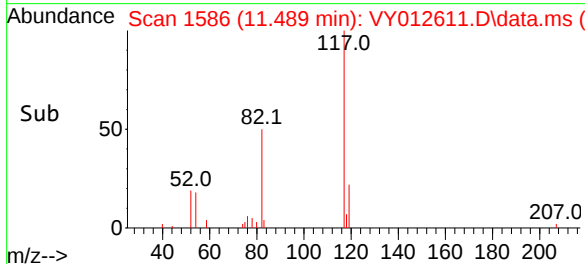
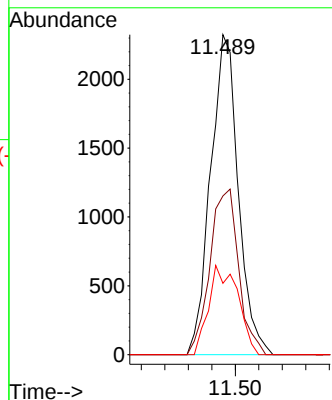
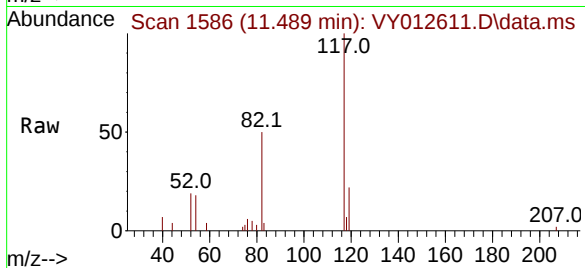
Tgt Ion:117 Resp: 3802

Ion Ratio Lower Upper

117 100

82 49.6 41.7 62.5

119 22.3 25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012611.D

Acq: 15 Feb 2023 13:43

Tgt Ion:152 Resp: 1377

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.3

150 160.1 0.0 351.0

