

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012578.D
 Acq On : 14 Feb 2023 10:50
 Operator : KP/MD
 Sample : VY0214SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBL01

Quant Time: Feb 15 01:21:47 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	146656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85899	46.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.120%
35) Dibromofluoromethane	7.716	113	71472	39.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.880%
50) Toluene-d8	10.179	98	289435	38.859	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.720%
62) 4-Bromofluorobenzene	12.483	95	97418	37.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.000%

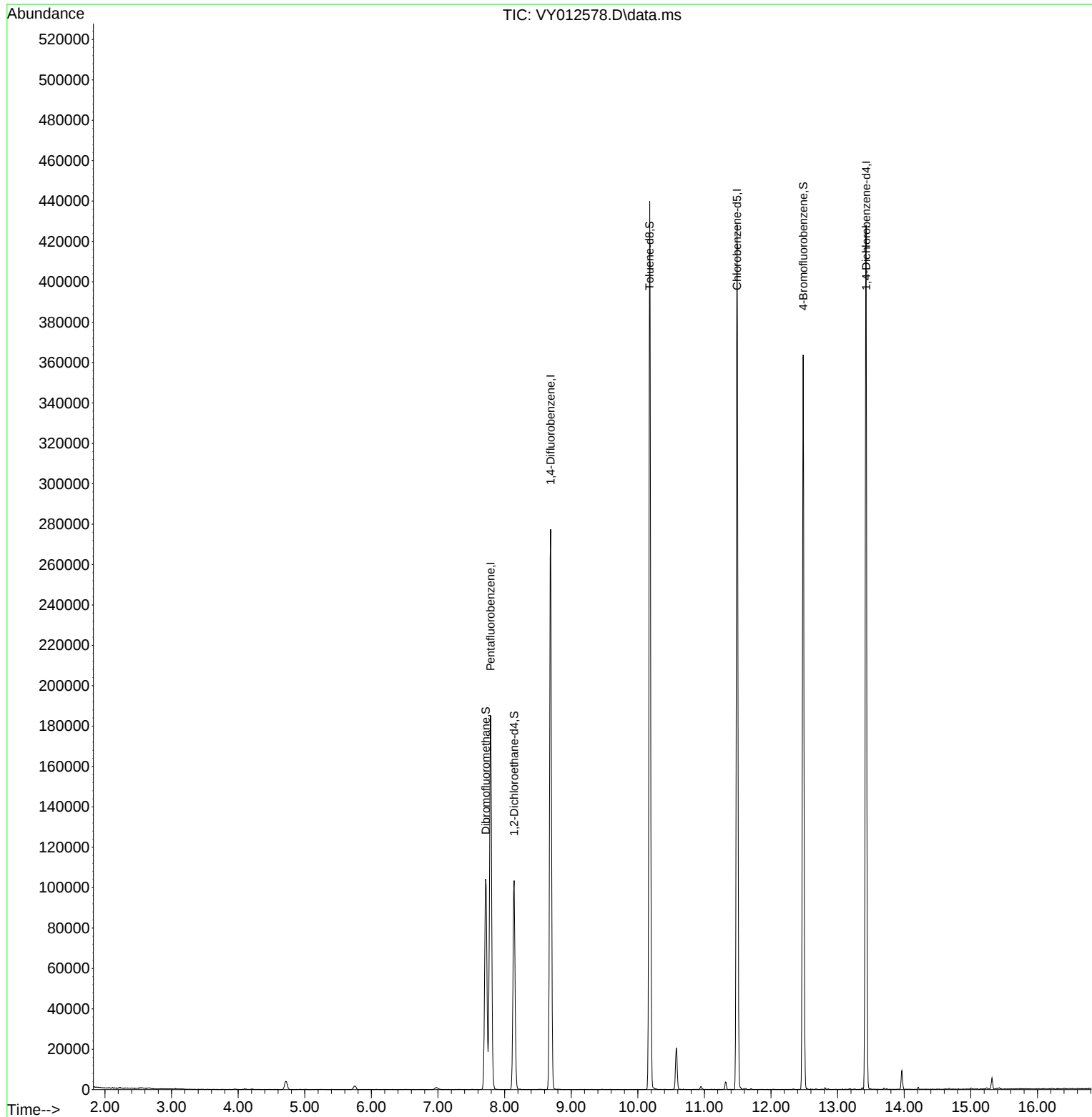
Target Compounds	Qvalue

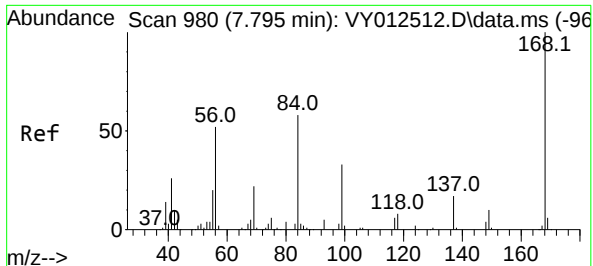
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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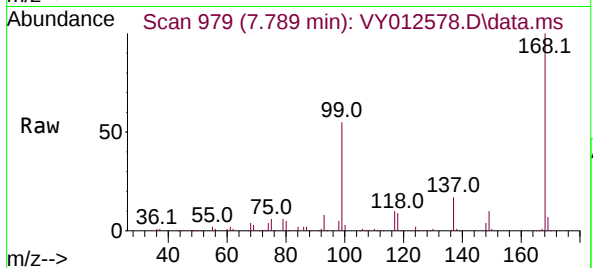
Quant Time: Feb 15 01:21:47 2023
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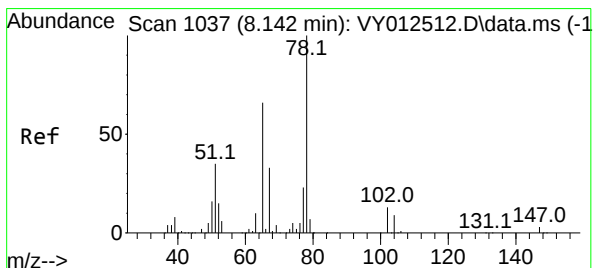
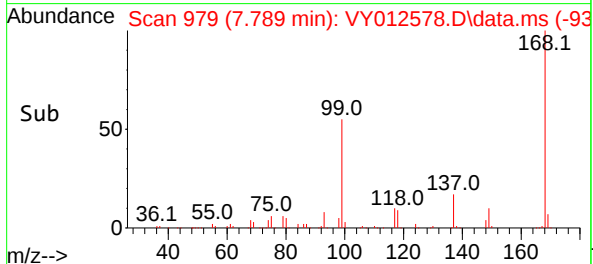
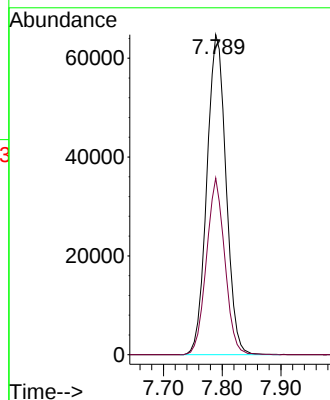


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBL01

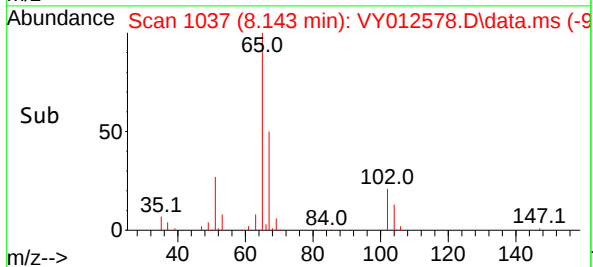
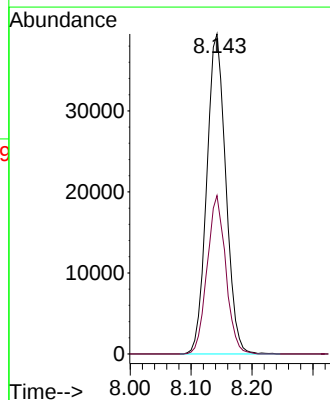
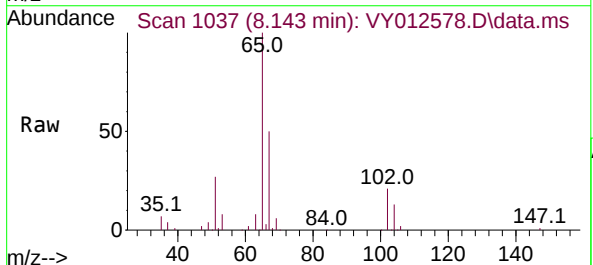


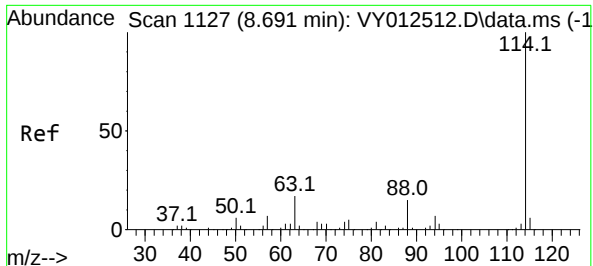
Tgt Ion:168 Resp: 146656
Ion Ratio Lower Upper
168 100
99 55.2 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 46.061 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

Tgt Ion: 65 Resp: 85899
Ion Ratio Lower Upper
65 100
67 48.3 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: VY012578.D

Acq: 14 Feb 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBL01

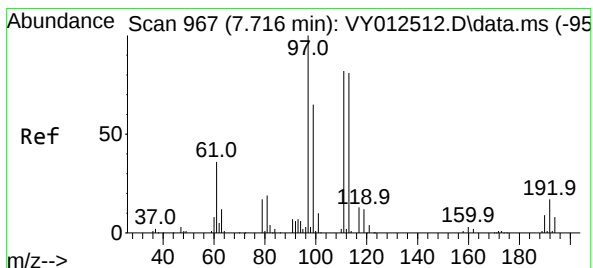
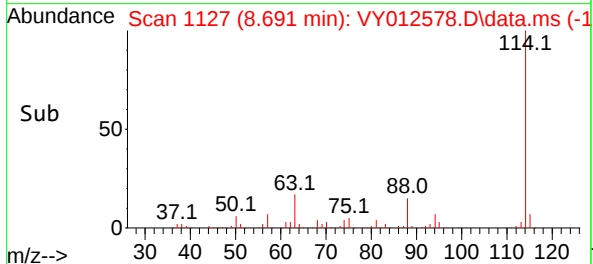
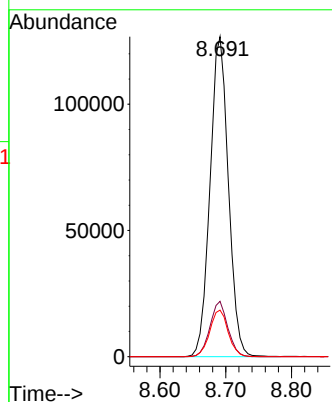
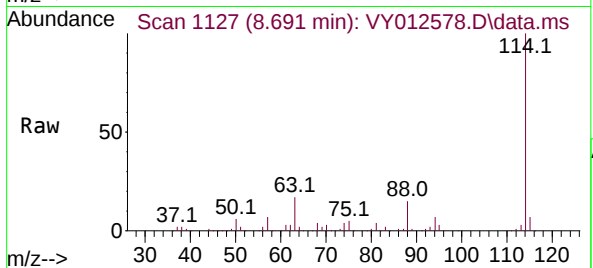
Tgt Ion:114 Resp: 245721

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.6

88 14.6 0.0 29.8



#35

Dibromofluoromethane

Concen: 39.940 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012578.D

Acq: 14 Feb 2023 10:50

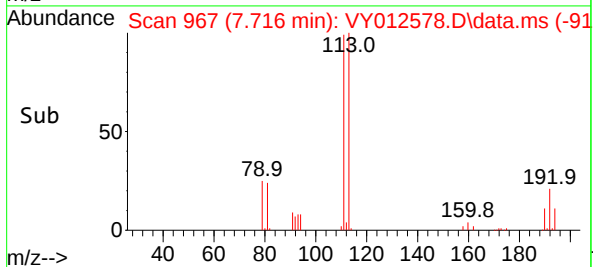
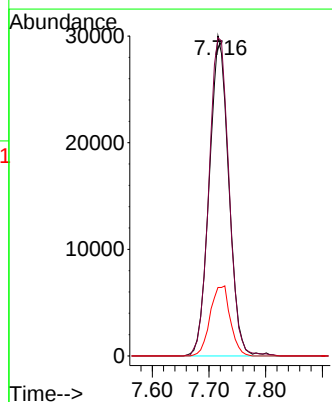
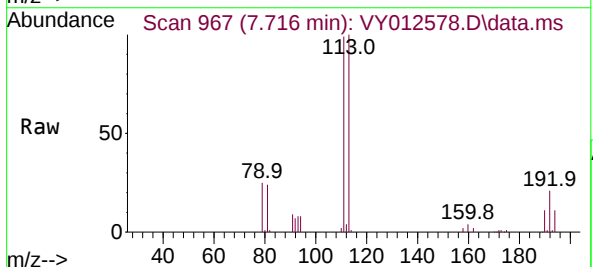
Tgt Ion:113 Resp: 71472

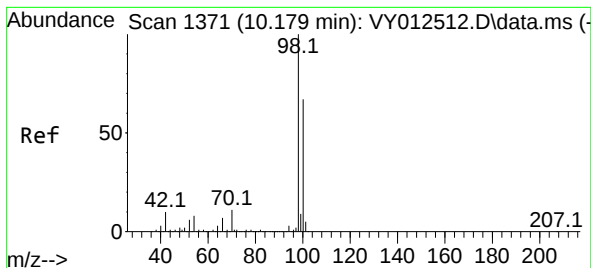
Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 22.6 17.5 26.3





#50

Toluene-d8

Concen: 38.859 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012578.D

Acq: 14 Feb 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

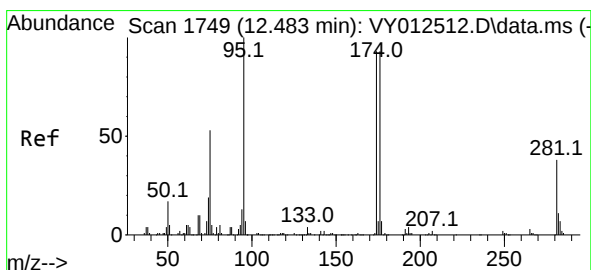
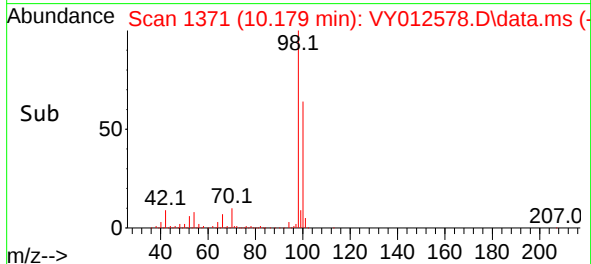
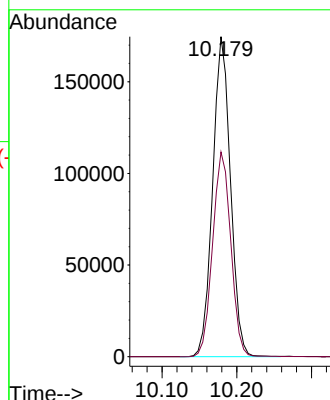
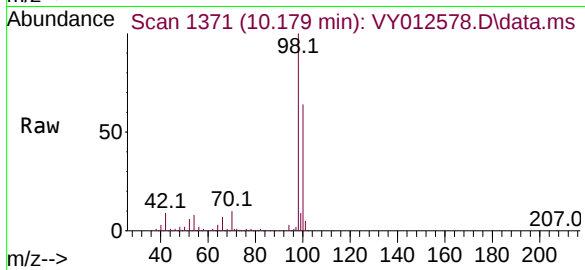
VY0214SBL01

Tgt Ion: 98 Resp: 289435

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 37.497 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012578.D

Acq: 14 Feb 2023 10:50

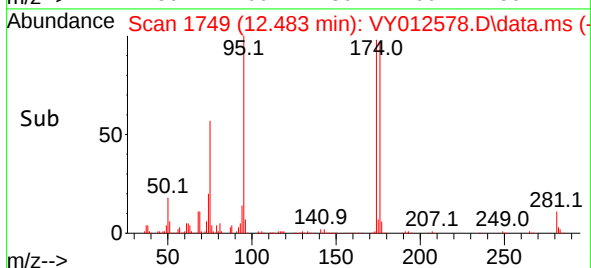
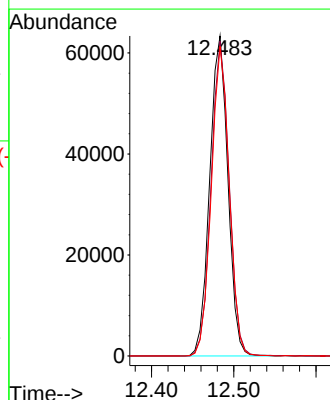
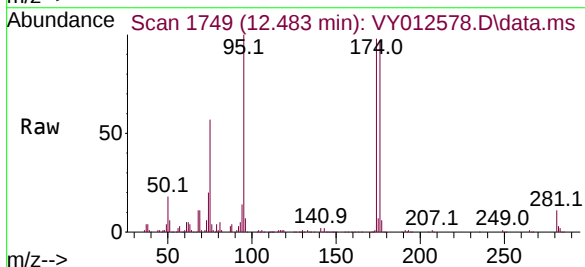
Tgt Ion: 95 Resp: 97418

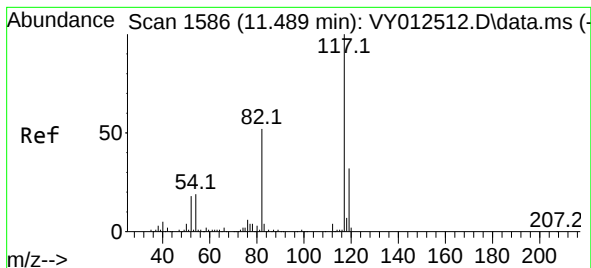
Ion Ratio Lower Upper

95 100

174 97.7 0.0 188.0

176 95.0 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY012578.D

Acq: 14 Feb 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBL01

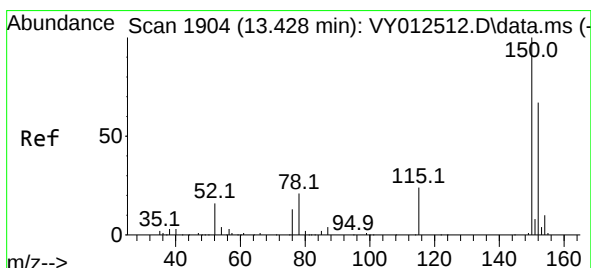
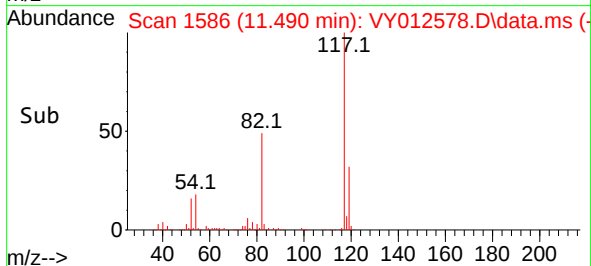
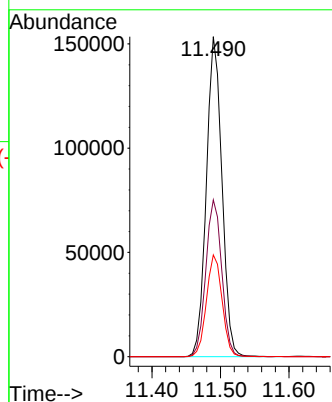
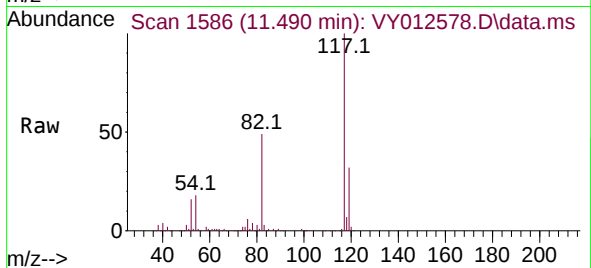
Tgt Ion:117 Resp: 243127

Ion Ratio Lower Upper

117 100

82 49.0 41.7 62.5

119 31.8 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: VY012578.D

Acq: 14 Feb 2023 10:50

Tgt Ion:152 Resp: 117726

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 155.4 0.0 351.0

