

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012978.D
 Acq On : 16 Mar 2023 18:16
 Operator : KP/MD
 Sample : 01964-07
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-5

Quant Time: Mar 17 01:39:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	37697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	57361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25599	68.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.780%
35) Dibromofluoromethane	7.715	113	23023	60.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.900%
50) Toluene-d8	10.178	98	74841	54.201	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.483	95	21492	46.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.220%

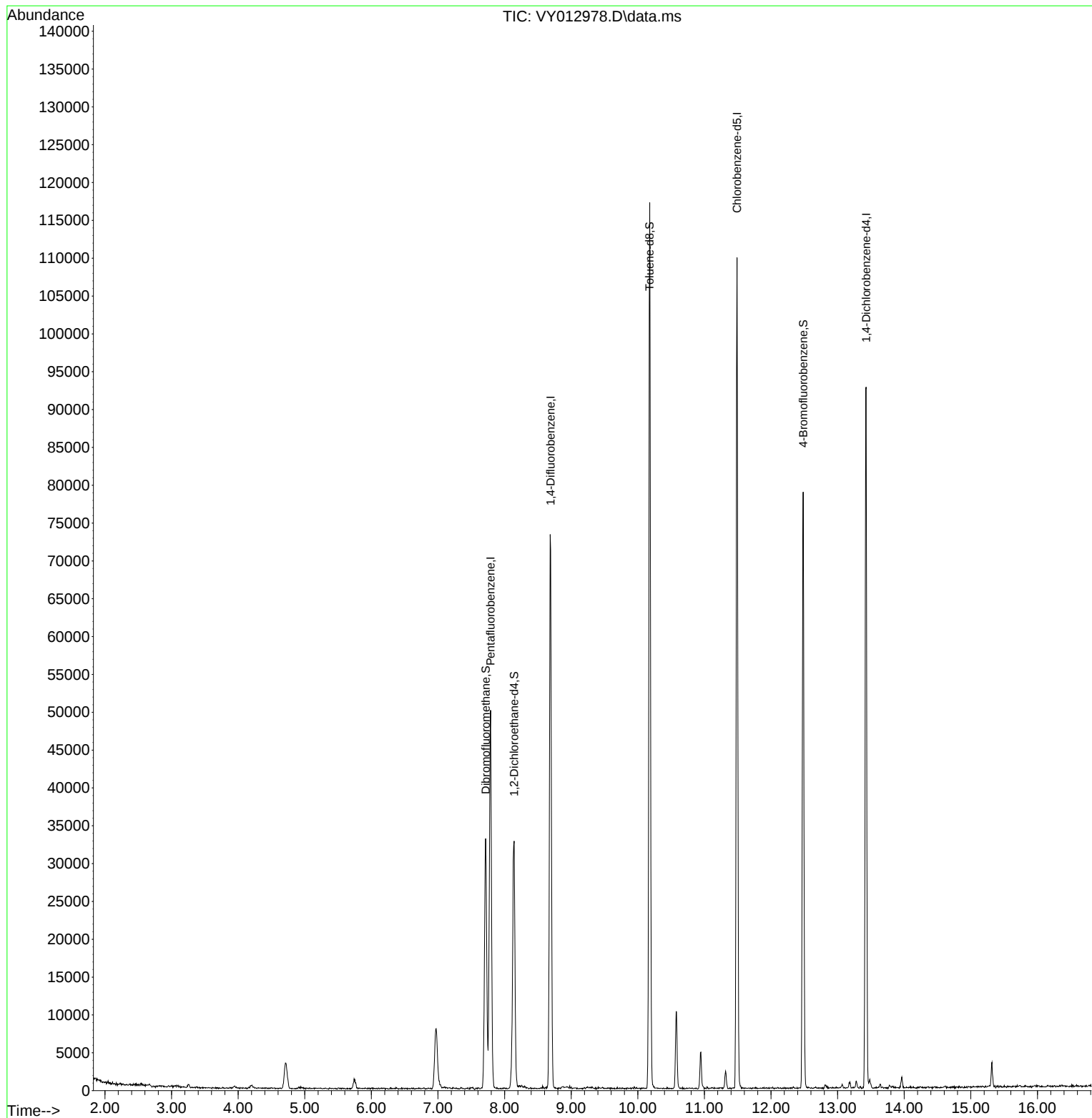
Target Compounds	Qvalue

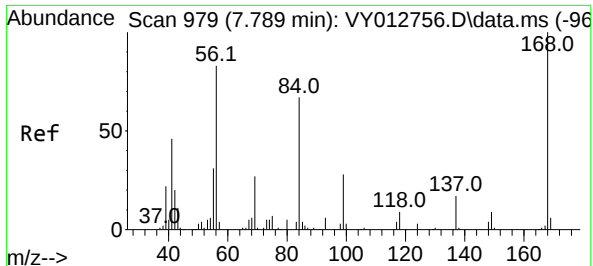
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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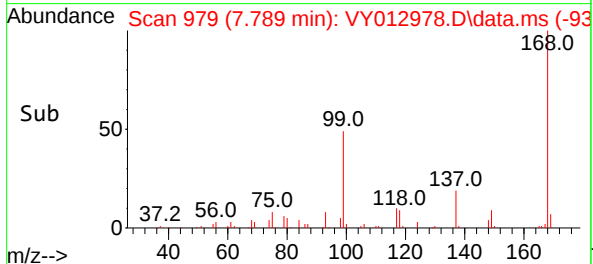
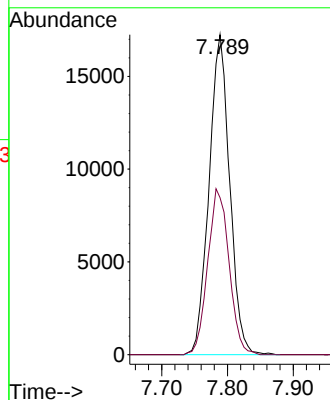
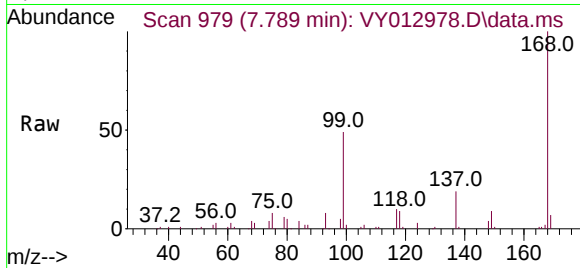




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012978.D
Acq: 16 Mar 2023 18:16

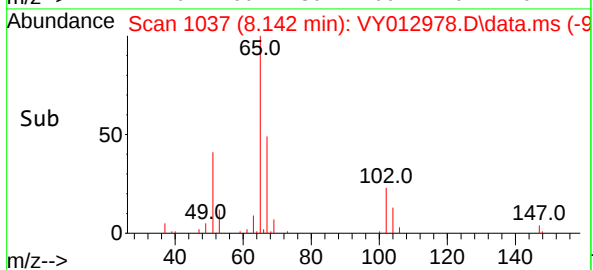
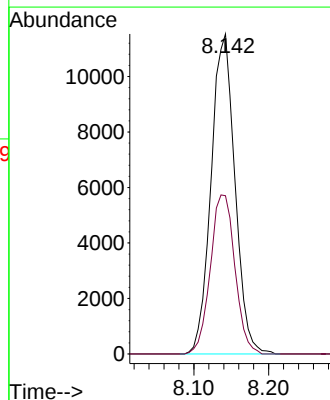
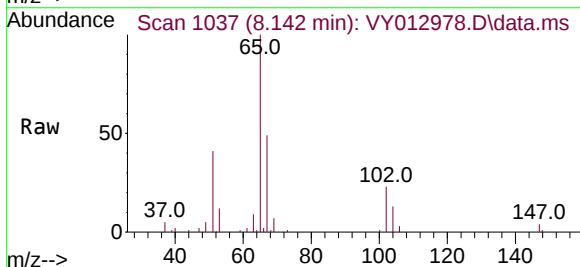
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-5

Tgt Ion:168 Resp: 37697
Ion Ratio Lower Upper
168 100
99 49.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.395 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012978.D
Acq: 16 Mar 2023 18:16

Tgt Ion: 65 Resp: 25599
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012978.D

Acq: 16 Mar 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-5

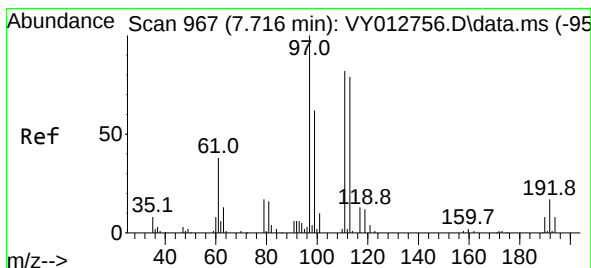
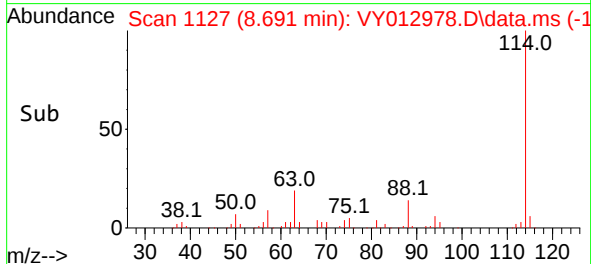
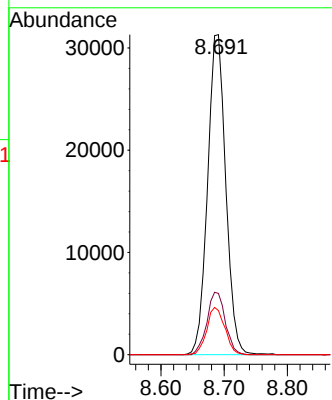
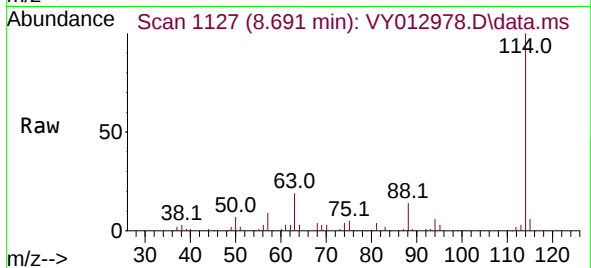
Tgt Ion:114 Resp: 62586

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 13.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.955 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012978.D

Acq: 16 Mar 2023 18:16

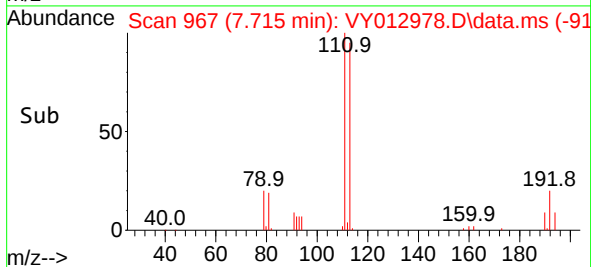
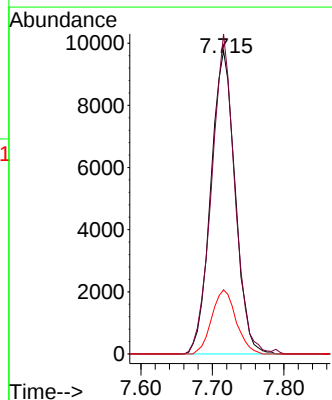
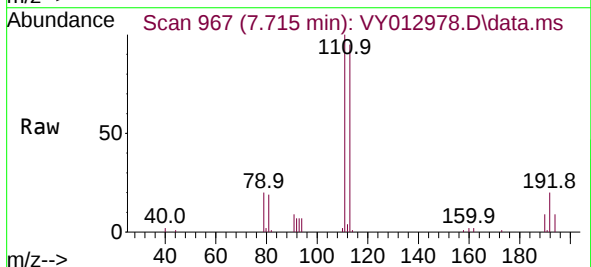
Tgt Ion:113 Resp: 23023

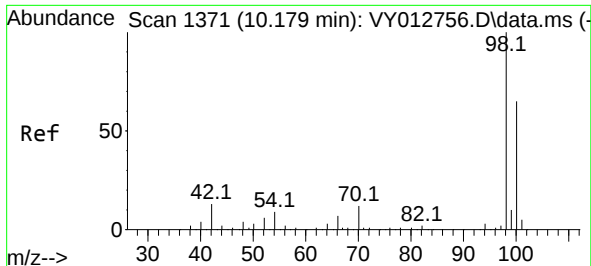
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

192 21.1 16.8 25.2

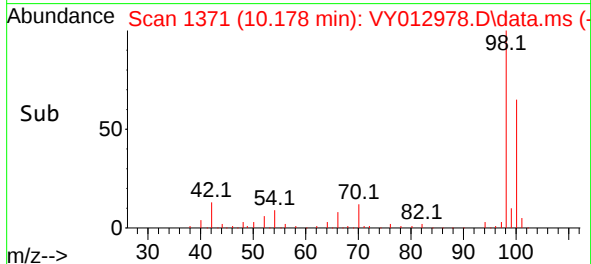
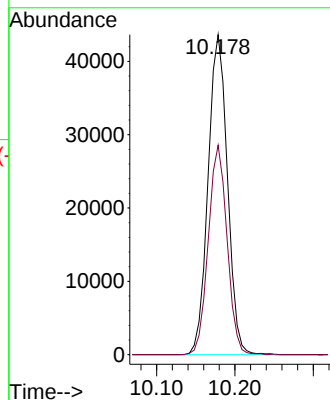
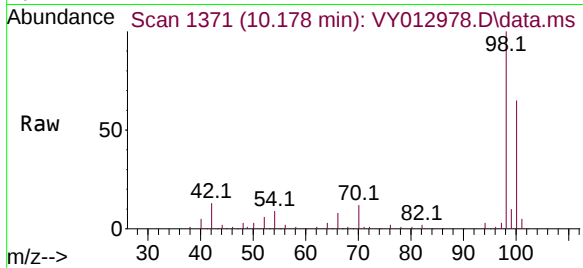




#50
Toluene-d8
Concen: 54.201 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012978.D
Acq: 16 Mar 2023 18:16

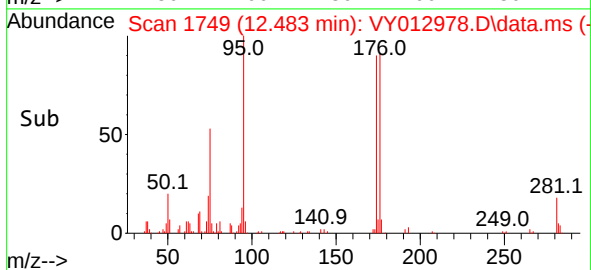
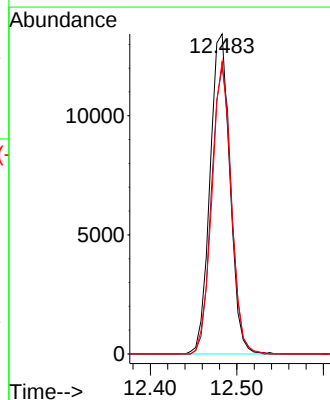
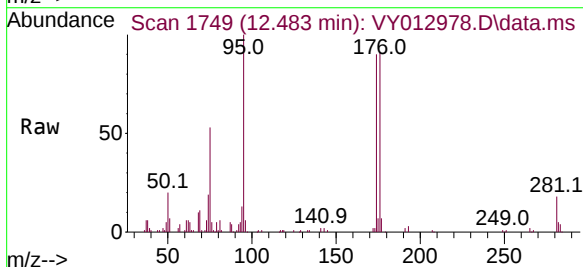
Instrument :
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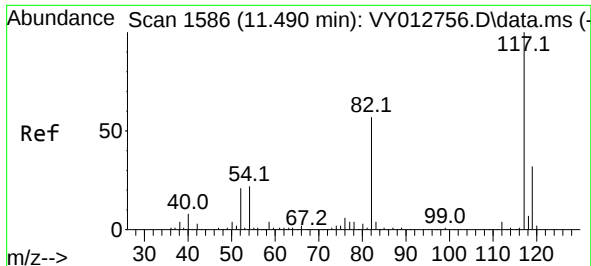
Tgt Ion: 98 Resp: 74841
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012978.D
Acq: 16 Mar 2023 18:16

Tgt Ion: 95 Resp: 21492
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 88.3 0.0 170.2

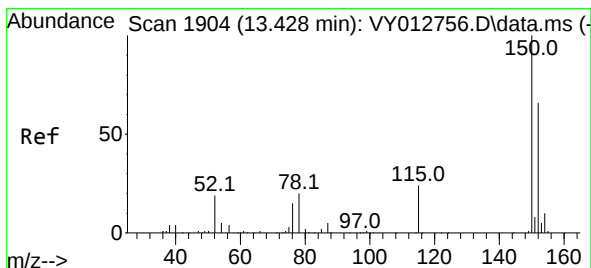
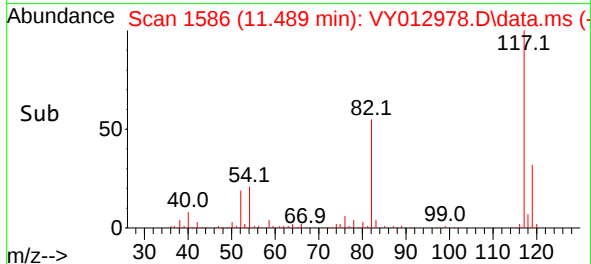
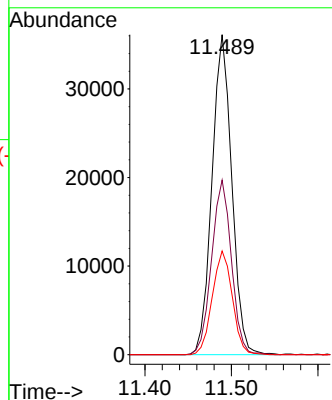
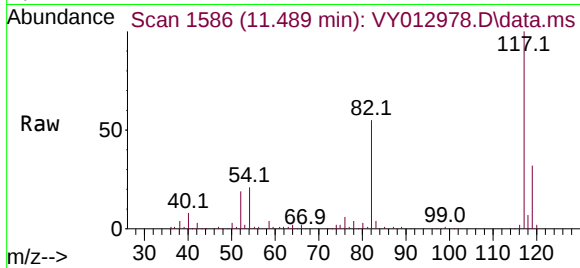




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012978.D
Acq: 16 Mar 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-5

Tgt Ion:117 Resp: 57361
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012978.D
Acq: 16 Mar 2023 18:16

Tgt Ion:152 Resp: 24714
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 158.2 0.0 347.8

