

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012940.D
 Acq On : 14 Mar 2023 14:13
 Operator : KP/MD
 Sample : 01905-07
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-2

Quant Time: Mar 15 01:42:48 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	80423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	54553	68.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.640%
35) Dibromofluoromethane	7.716	113	47019	58.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.000%
50) Toluene-d8	10.179	98	164745	55.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.180%
62) 4-Bromofluorobenzene	12.483	95	50052	50.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.080%

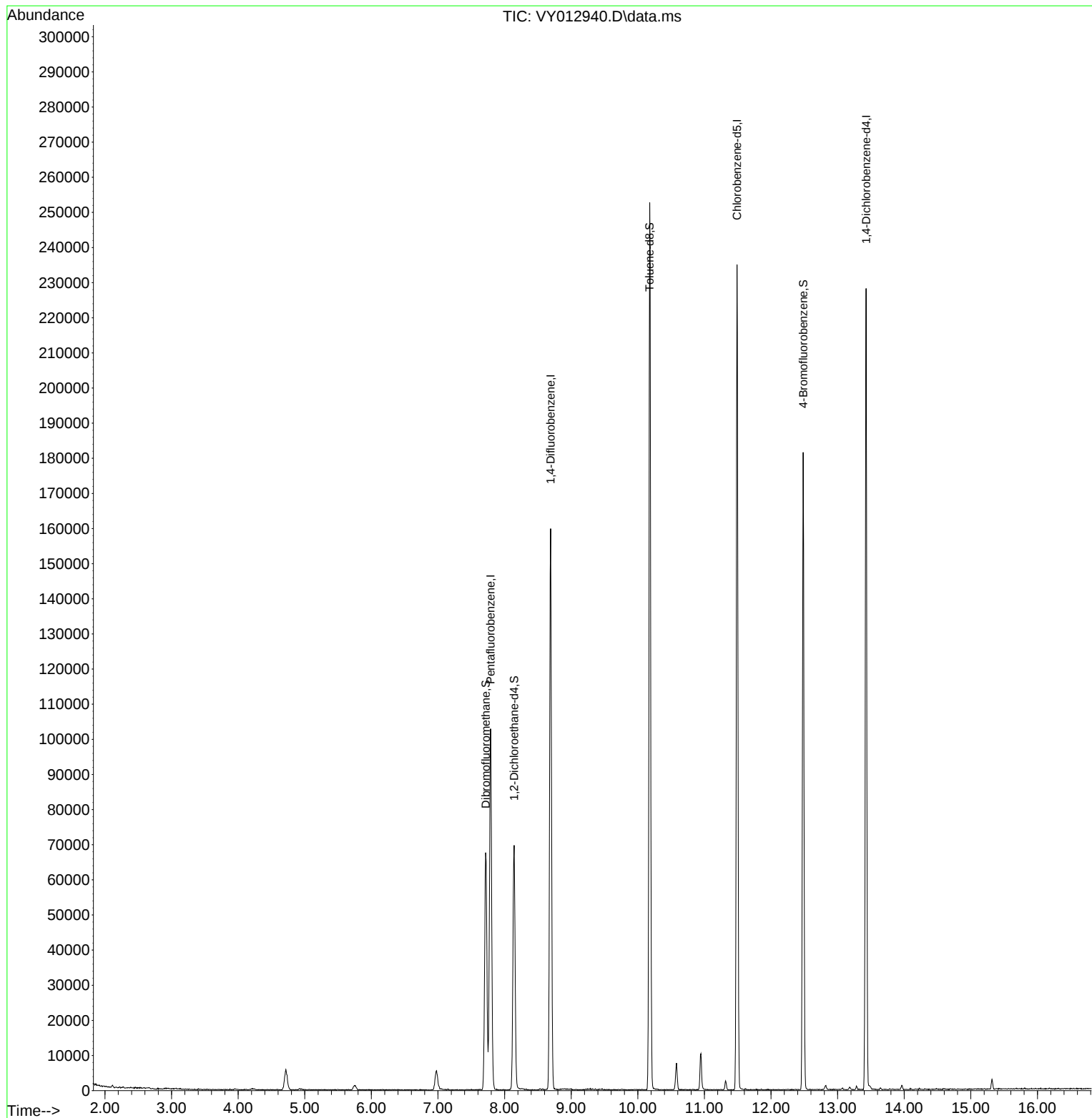
Target Compounds	Qvalue

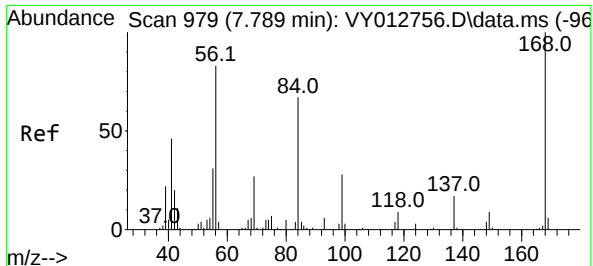
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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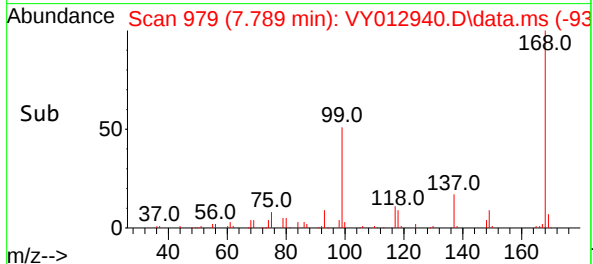
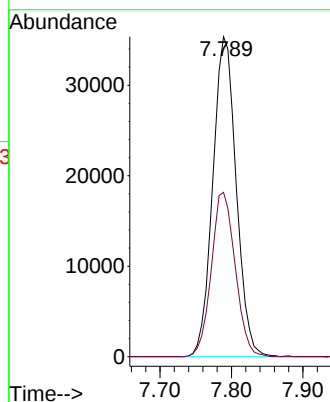
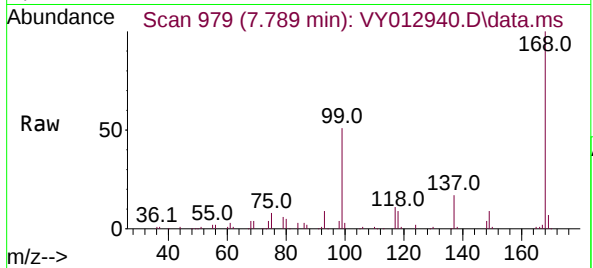




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

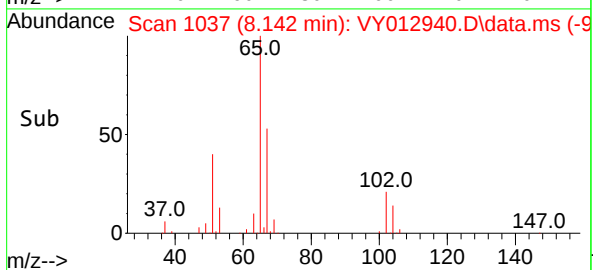
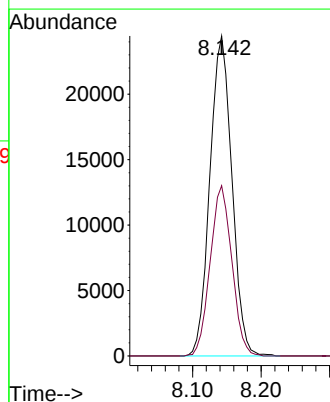
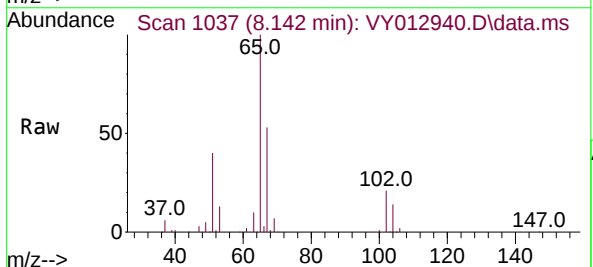
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-2

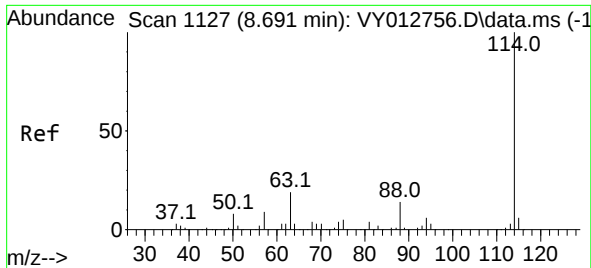
Tgt Ion:168 Resp: 80423
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.320 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion: 65 Resp: 54553
Ion Ratio Lower Upper
65 100
67 52.3 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: VY012940.D

Acq: 14 Mar 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-2

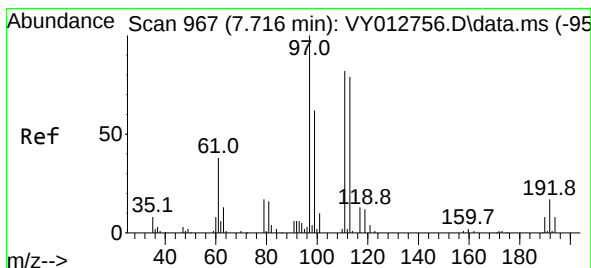
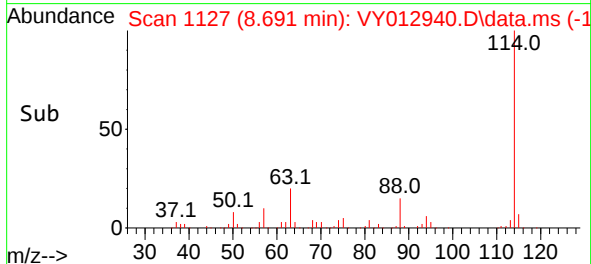
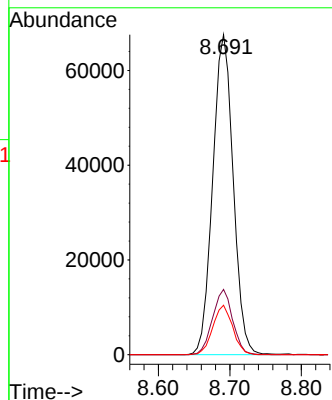
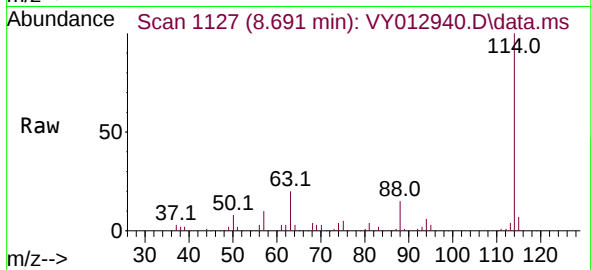
Tgt Ion:114 Resp: 134329

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.000 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012940.D

Acq: 14 Mar 2023 14:13

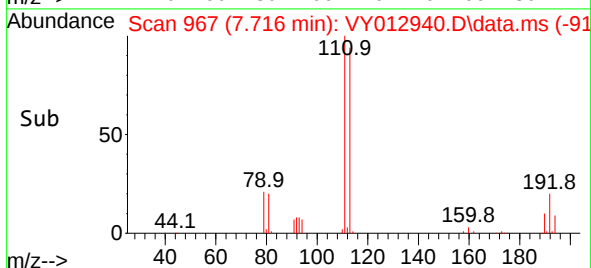
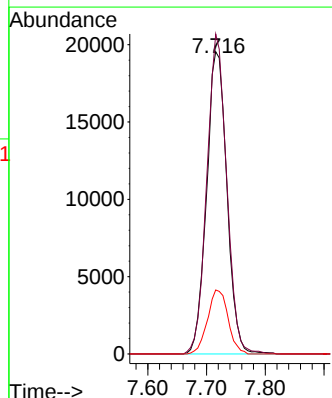
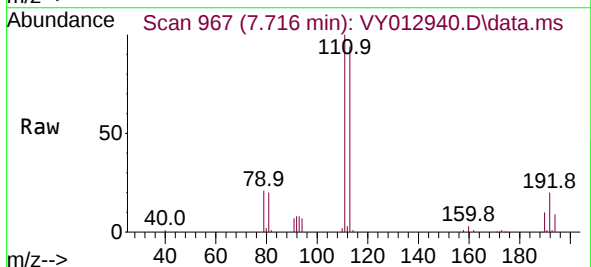
Tgt Ion:113 Resp: 47019

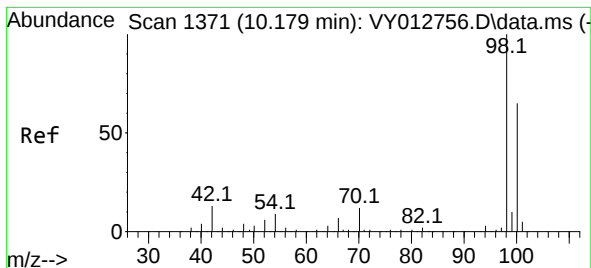
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 21.4 16.8 25.2

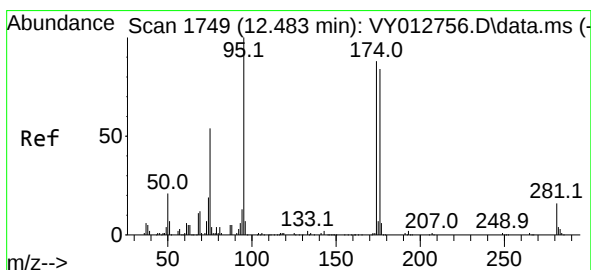
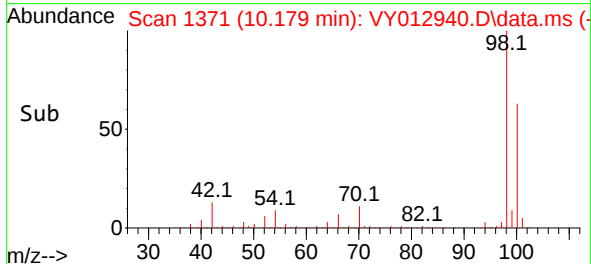
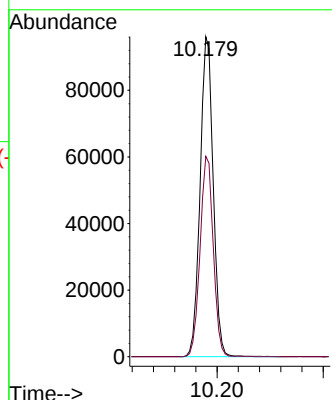
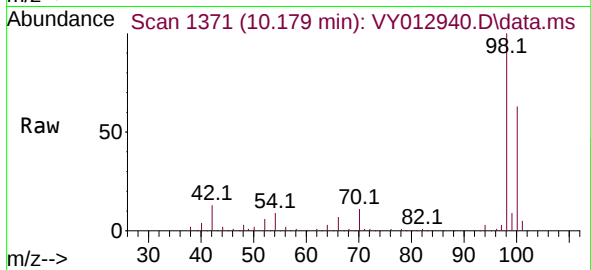




#50
Toluene-d8
Concen: 55.588 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

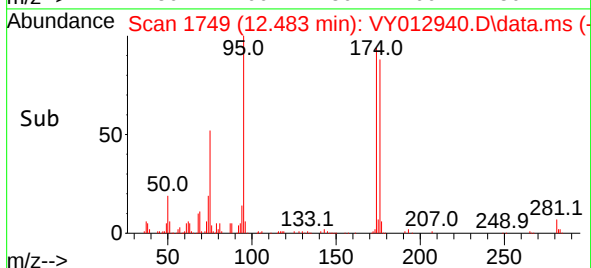
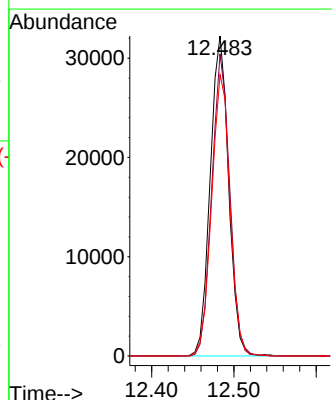
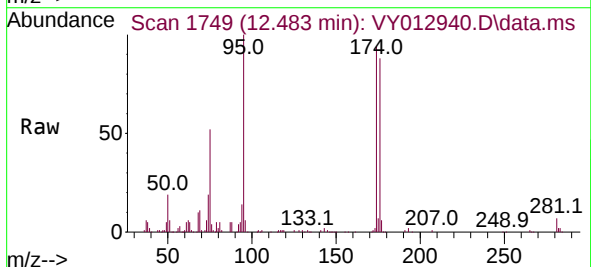
Instrument :
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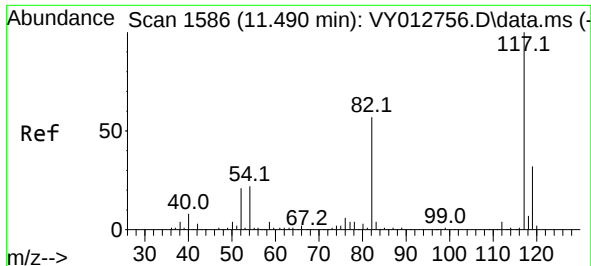
Tgt Ion: 98 Resp: 164745
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion: 95 Resp: 50052
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.6
176 88.0 0.0 170.2

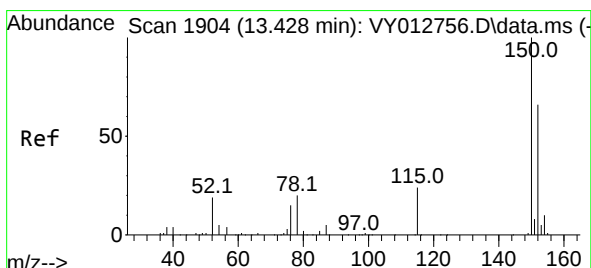
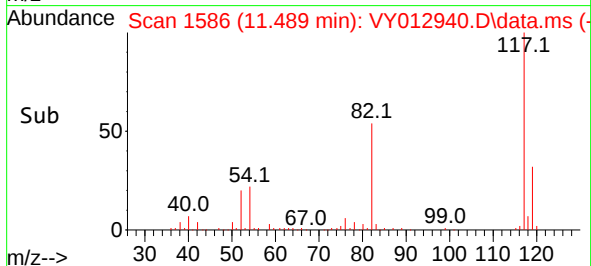
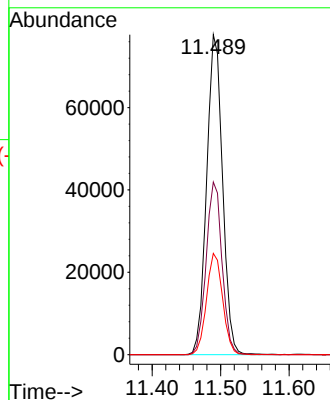
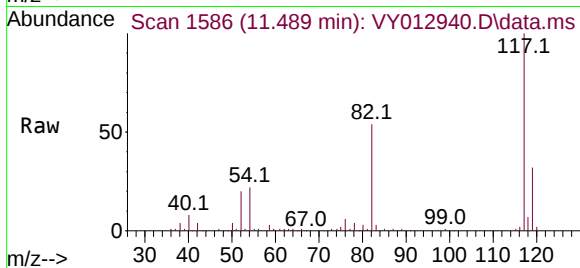




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-2

Tgt Ion:117 Resp: 125544
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 31.7 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: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion:152 Resp: 57326
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 157.6 0.0 347.8

