

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013166.D
 Acq On : 03 Apr 2023 11:23
 Operator : KP/MD
 Sample : VY0403SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

Quant Time: Apr 03 23:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55517	52.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.800%
35) Dibromofluoromethane	7.716	113	51613	50.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.900%
50) Toluene-d8	10.179	98	186202	48.688	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.483	95	57828	46.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.900%

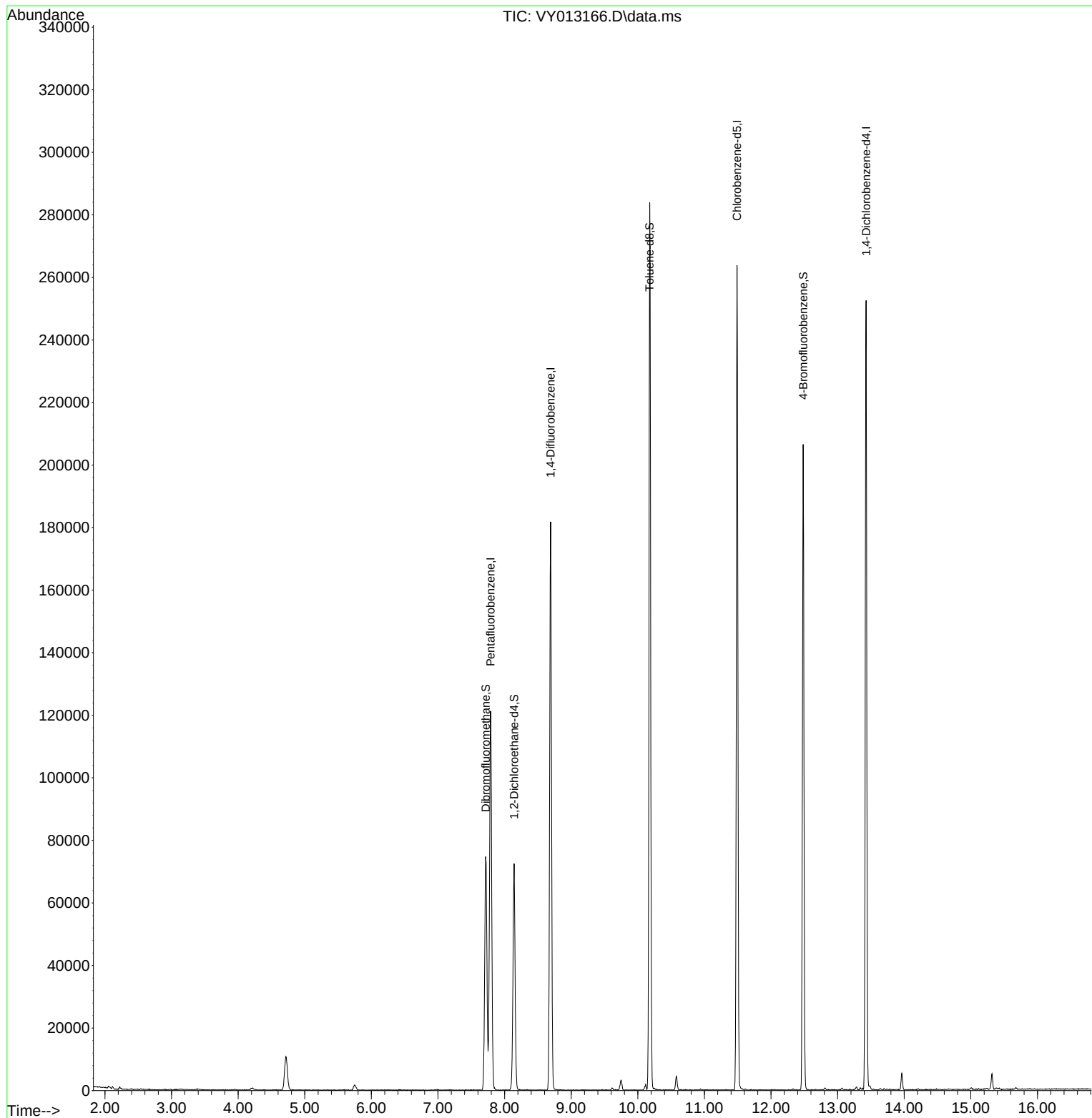
Target Compounds	Qvalue

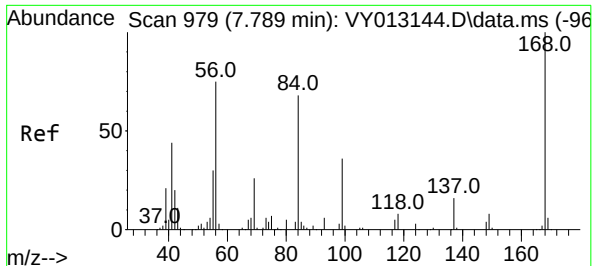
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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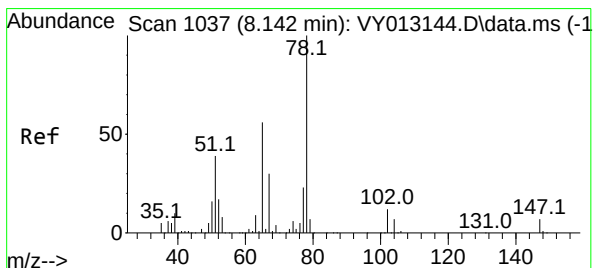
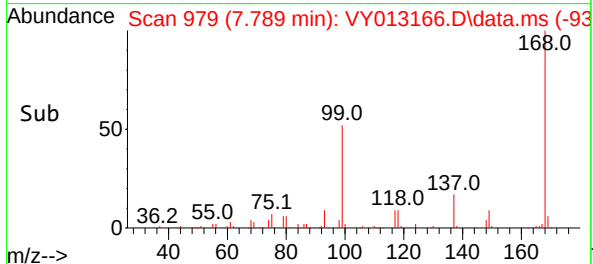
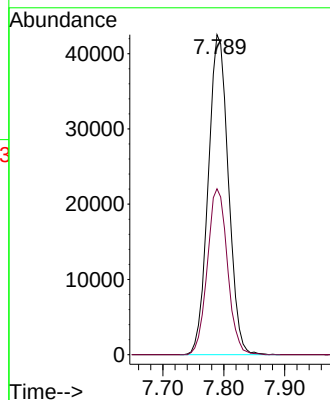
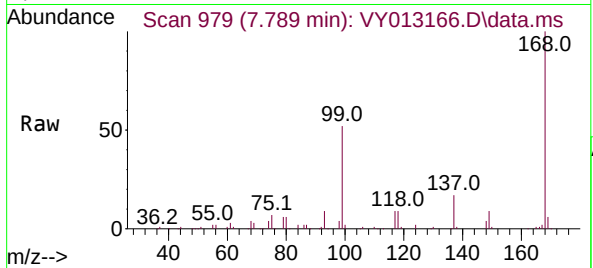




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

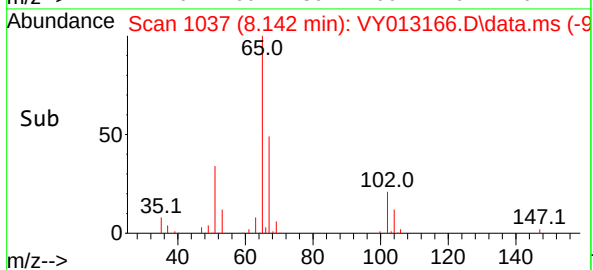
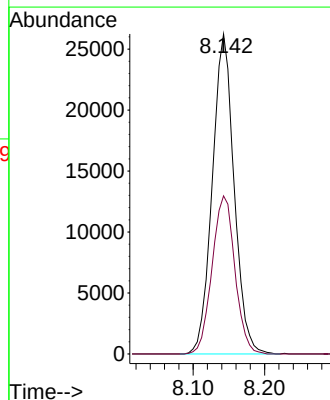
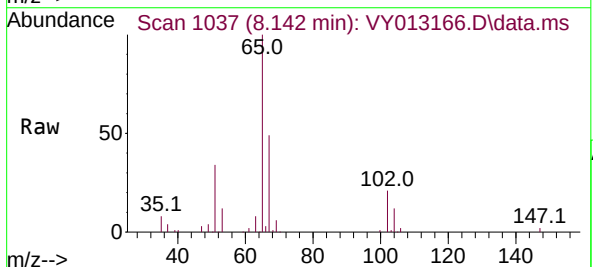
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

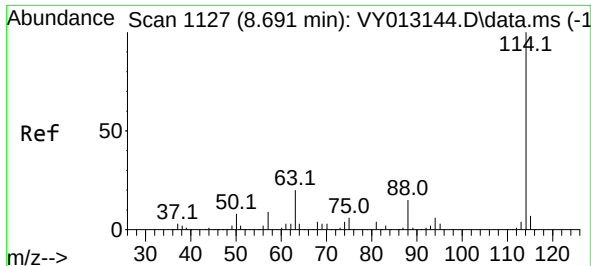
Tgt Ion:168 Resp: 97647
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 52.904 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Tgt Ion: 65 Resp: 55517
Ion Ratio Lower Upper
65 100
67 51.7 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: VY013166.D

Acq: 03 Apr 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBL01

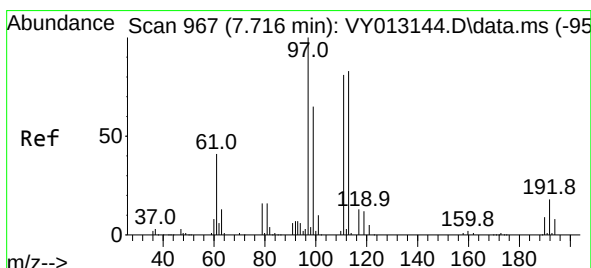
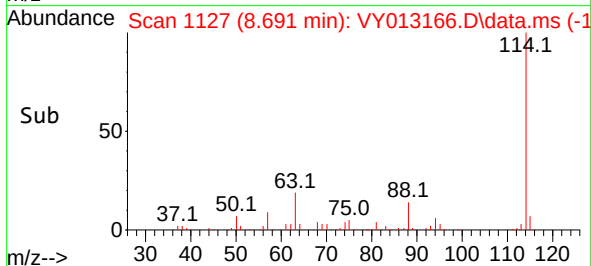
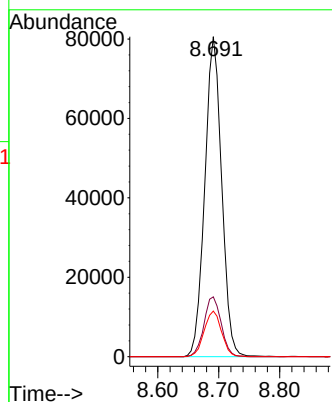
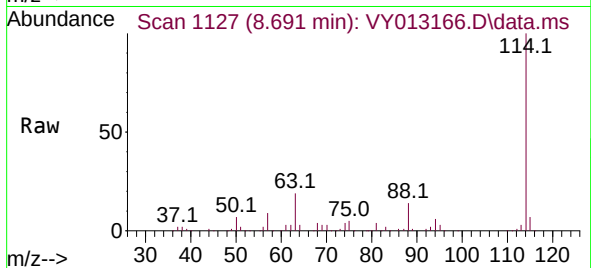
Tgt Ion:114 Resp: 155074

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.948 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013166.D

Acq: 03 Apr 2023 11:23

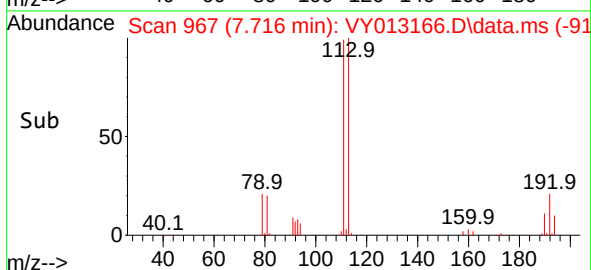
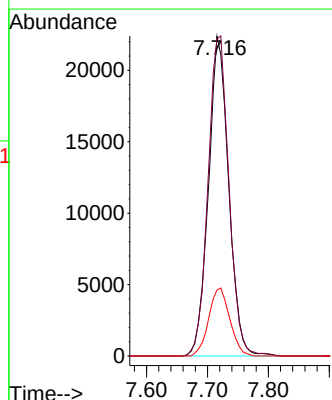
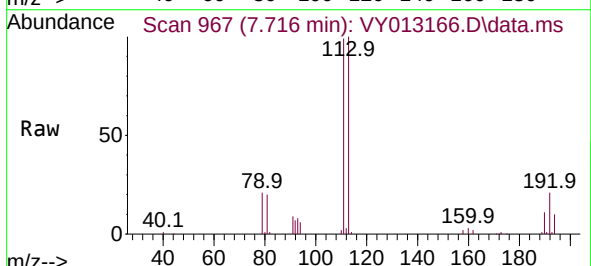
Tgt Ion:113 Resp: 51613

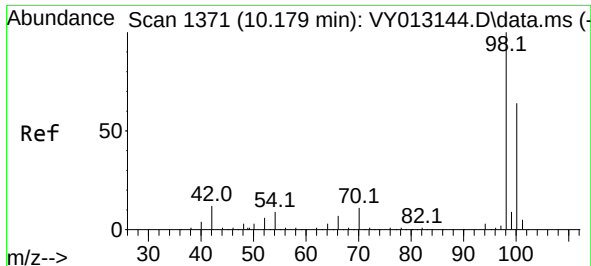
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 22.1 16.8 25.2

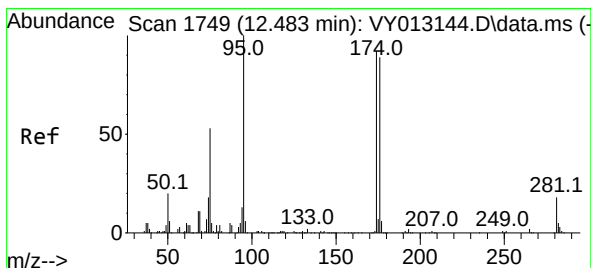
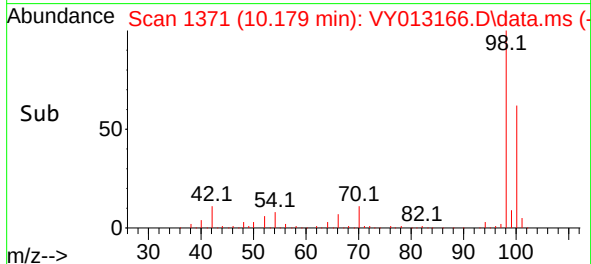
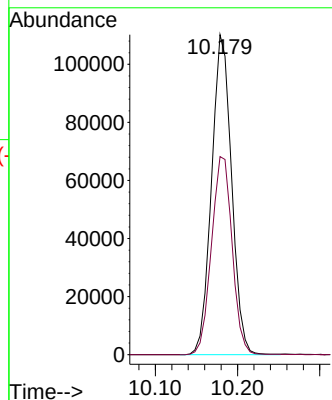
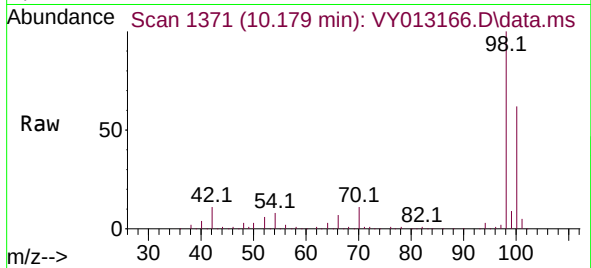




#50
Toluene-d8
Concen: 48.688 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

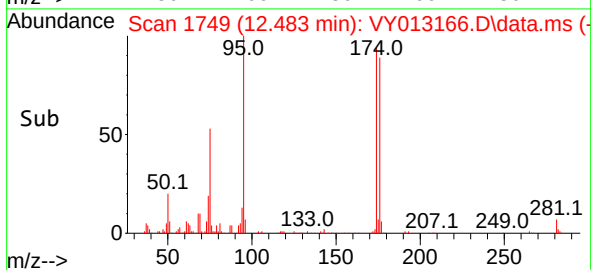
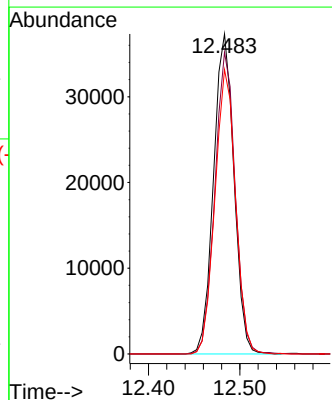
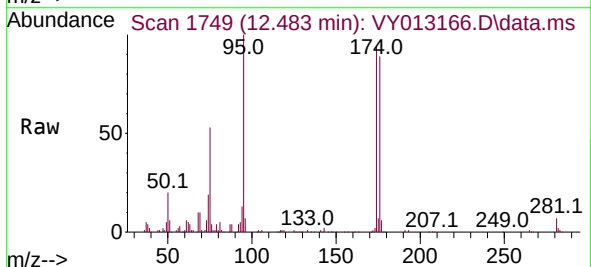
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

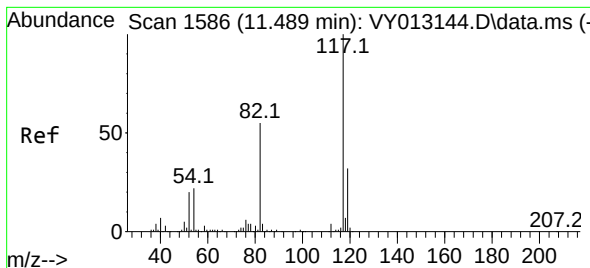
Tgt Ion: 98 Resp: 186202
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Tgt Ion: 95 Resp: 57828
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.6
176 89.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013166.D

Acq: 03 Apr 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBL01

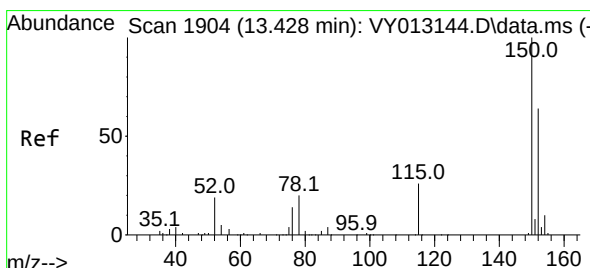
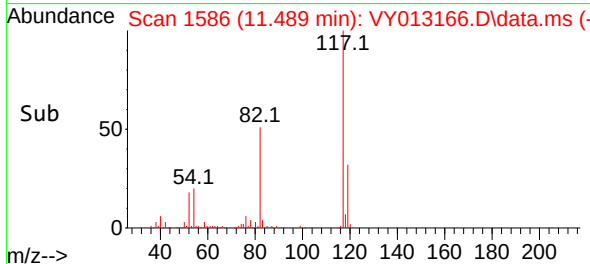
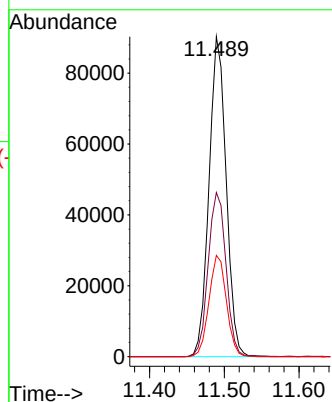
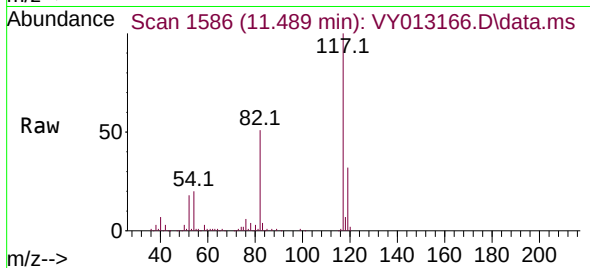
Tgt Ion:117 Resp: 144178

Ion Ratio Lower Upper

117 100

82 51.3 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: VY013166.D

Acq: 03 Apr 2023 11:23

Tgt Ion:152 Resp: 67535

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 158.0 0.0 347.8

