

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016107.D
 Acq On : 27 Oct 2023 15:57
 Operator : SY/MD
 Sample : 05050-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B5

Quant Time: Oct 30 06:09:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	95013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60966	64.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.060%
35) Dibromofluoromethane	7.716	113	57179	54.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.280%
50) Toluene-d8	10.179	98	195474	50.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.483	95	66413	49.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%

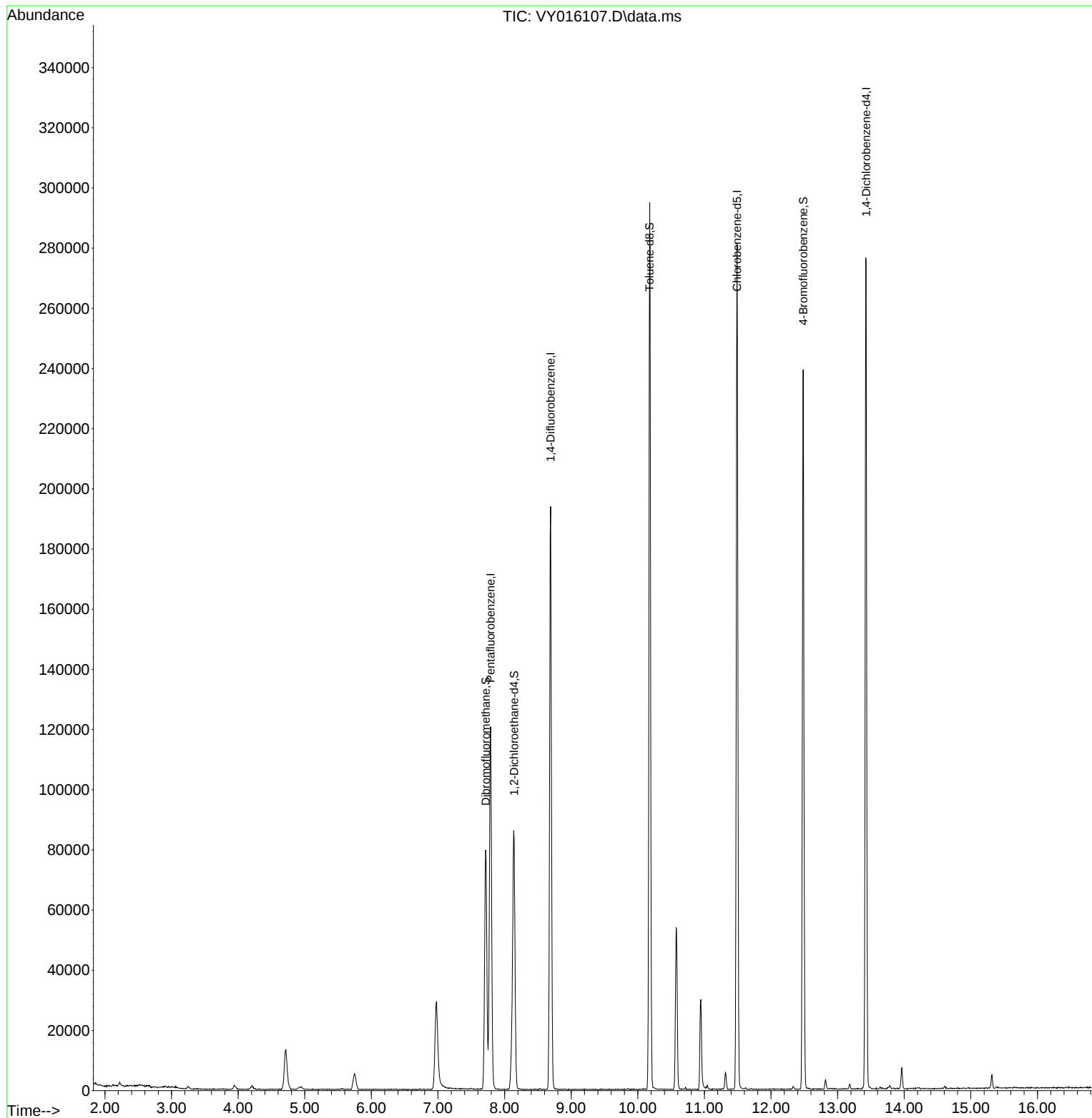
Target Compounds	Qvalue

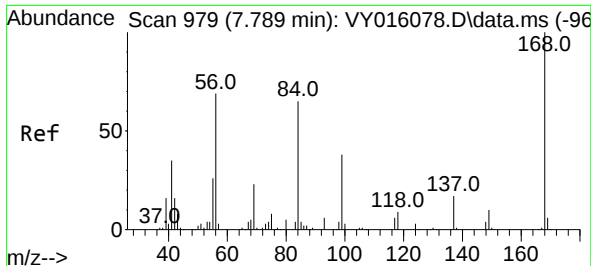
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016107.D
Acq On : 27 Oct 2023 15:57
Operator : SY/MD
Sample : 05050-10
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B5

Quant Time: Oct 30 06:09:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration

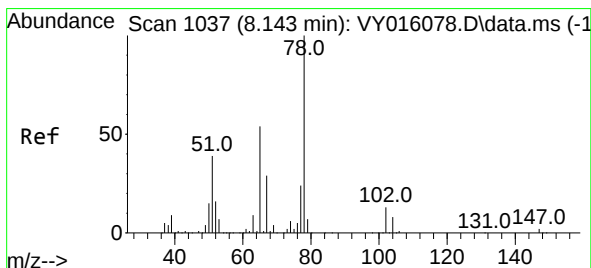
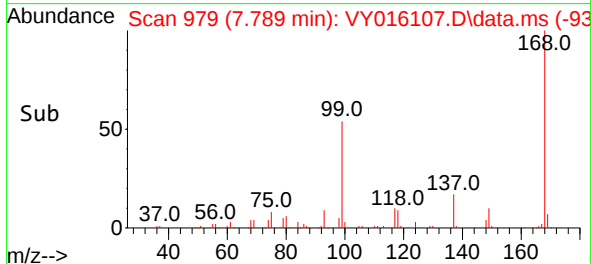
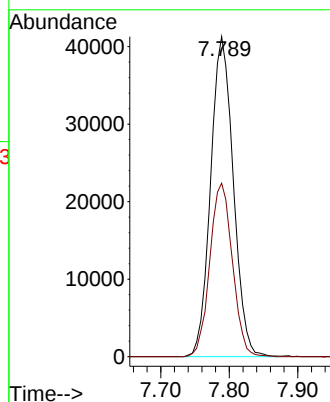
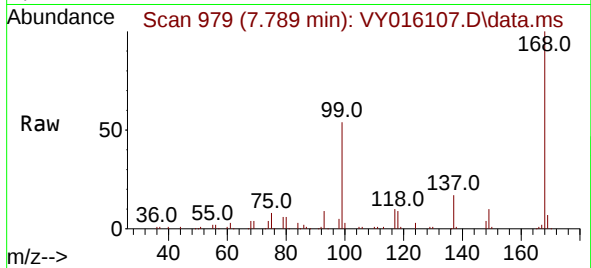




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

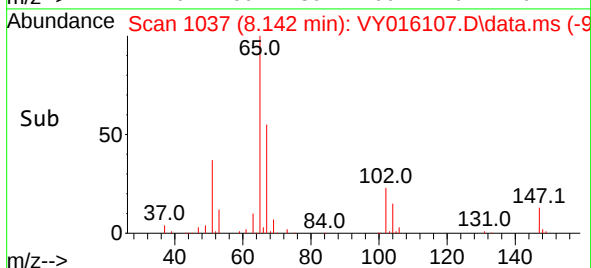
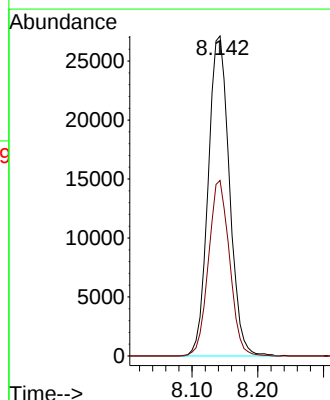
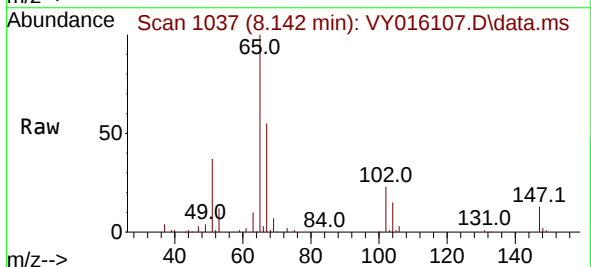
Instrument :
MSVOA_Y
ClientSampleId :
B5

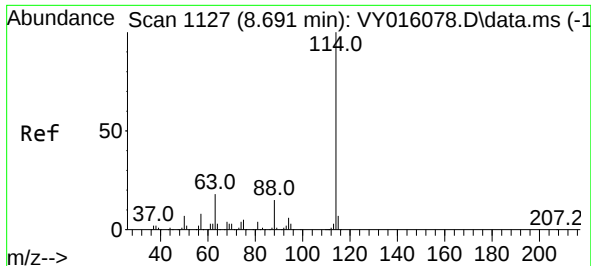
Tgt Ion:168 Resp: 95013
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 64.530 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

Tgt Ion: 65 Resp: 60966
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

B5

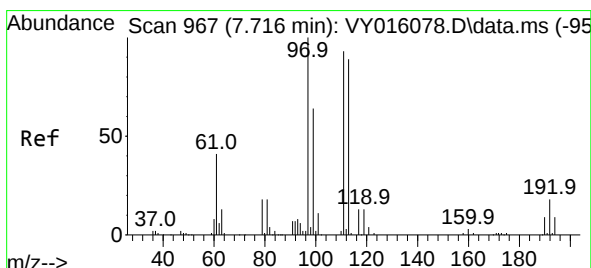
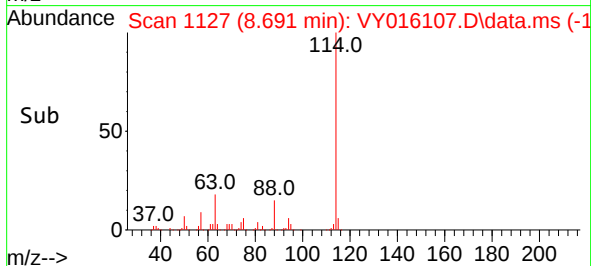
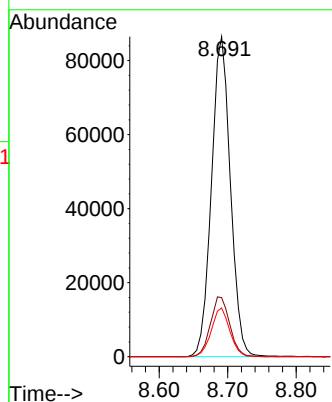
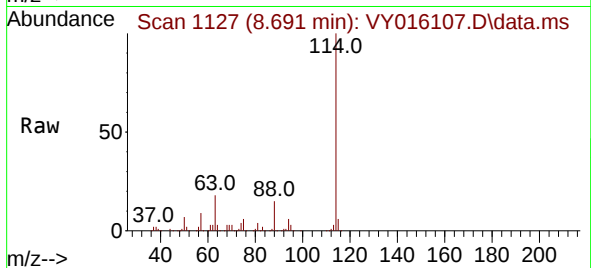
Tgt Ion:114 Resp: 165779

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.635 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

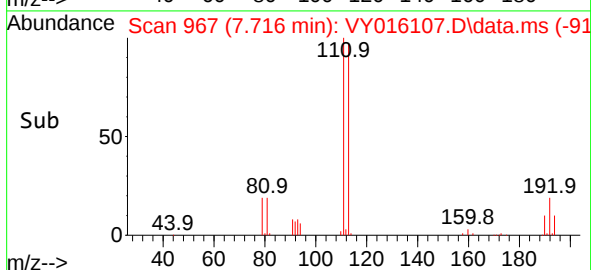
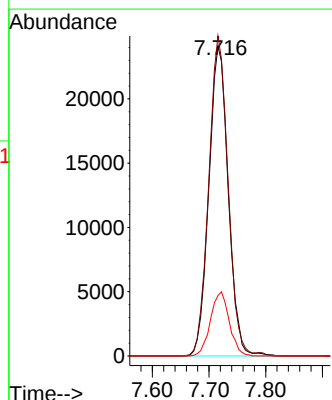
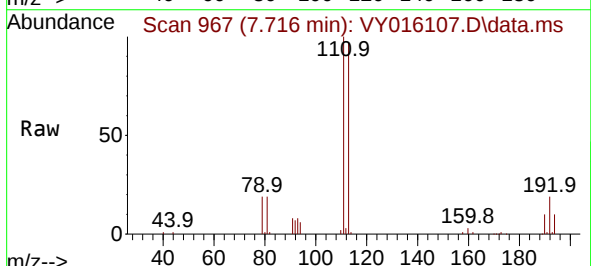
Tgt Ion:113 Resp: 57179

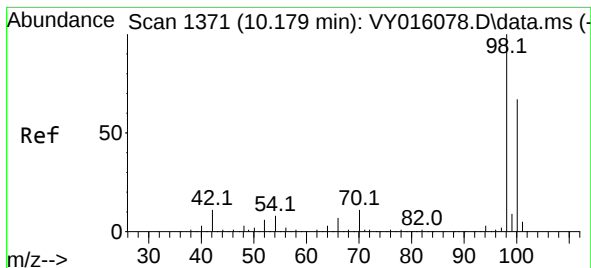
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.1 16.9 25.3





#50

Toluene-d8

Concen: 50.424 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

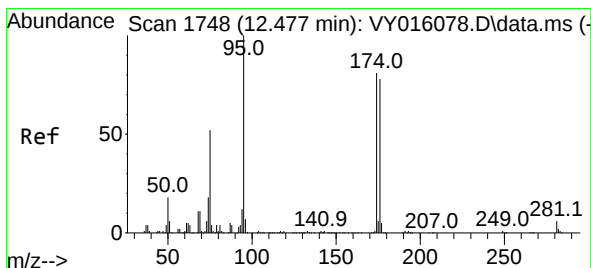
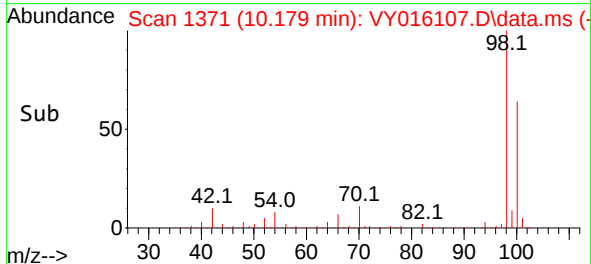
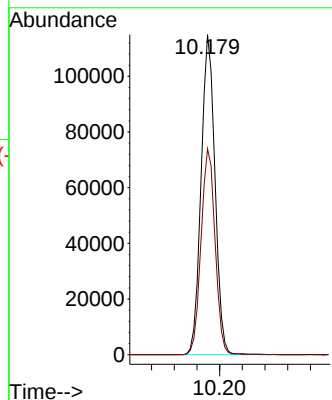
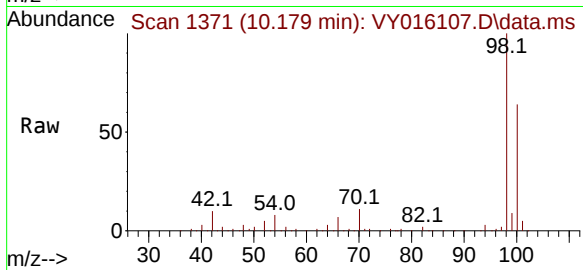
B5

Tgt Ion: 98 Resp: 195474

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.943 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

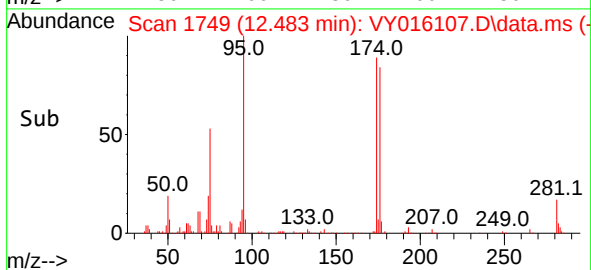
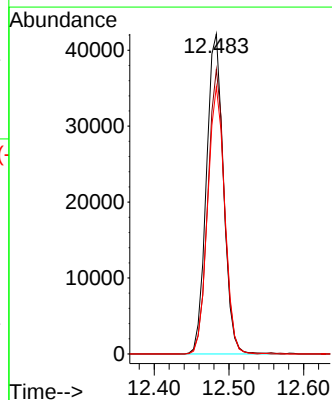
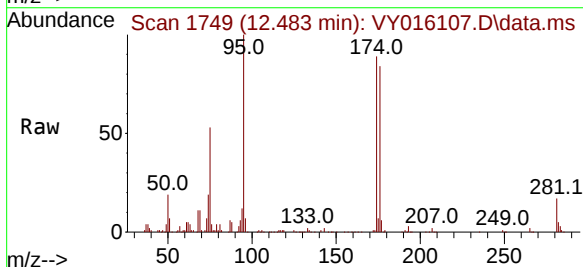
Tgt Ion: 95 Resp: 66413

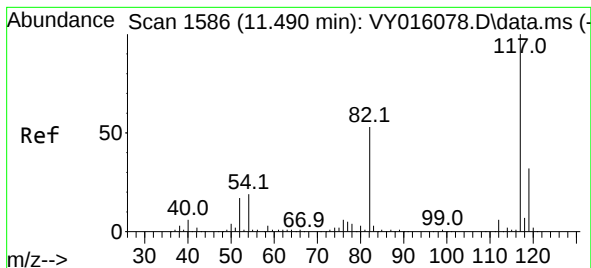
Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.2

176 83.9 0.0 173.8

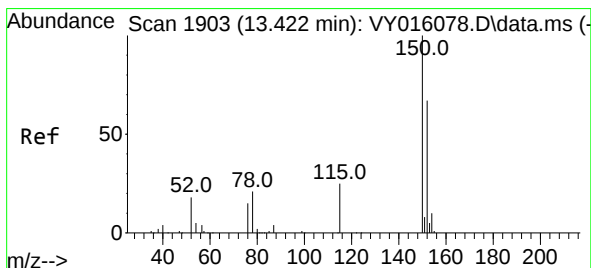
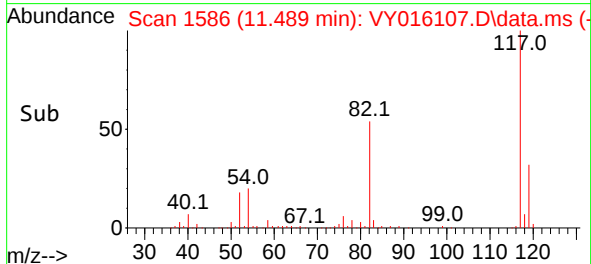
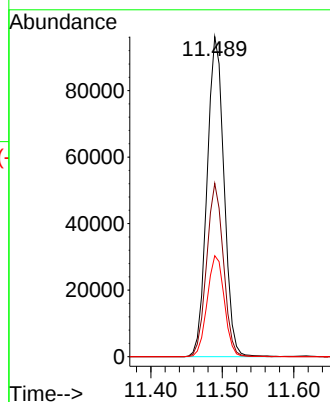
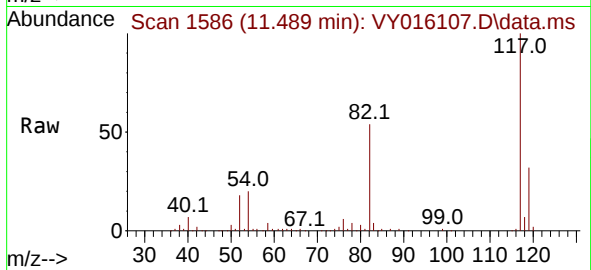




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :
B5

Tgt Ion:117 Resp: 158673
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

Tgt Ion:152 Resp: 75678
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 156.3 0.0 348.8

