

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016123.D
 Acq On : 30 Oct 2023 10:38
 Operator : SY/MD
 Sample : VY1030SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBL01

Quant Time: Oct 31 01:26:32 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	160345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91480	57.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.760%
35) Dibromofluoromethane	7.715	113	85372	50.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.178	98	313157	49.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.483	95	104959	48.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.800%

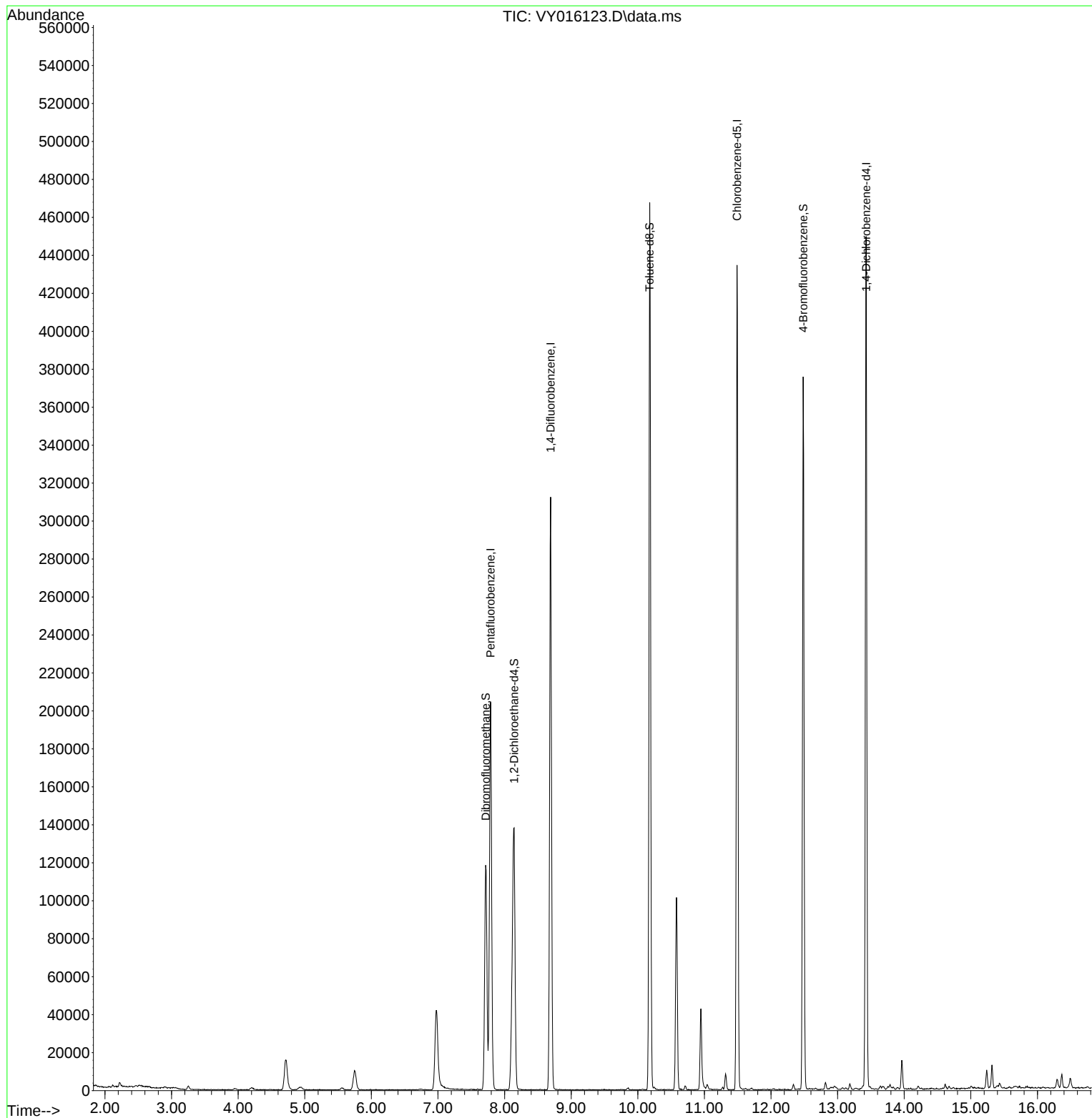
Target Compounds	Qvalue

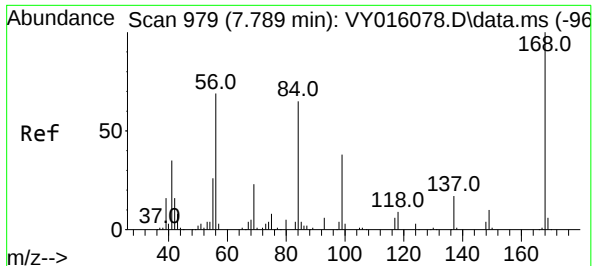
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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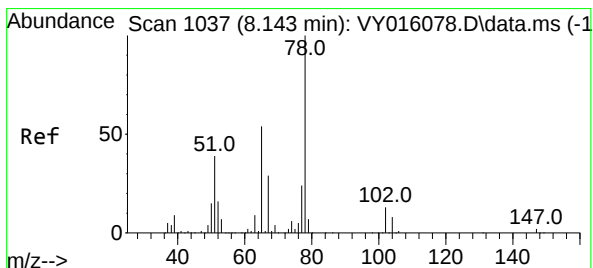
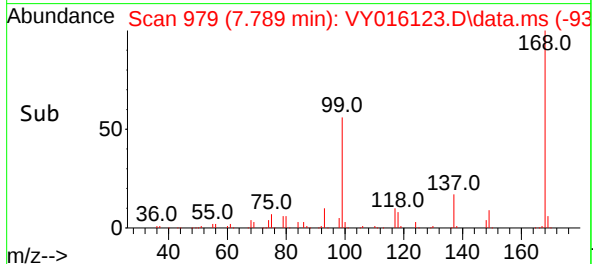
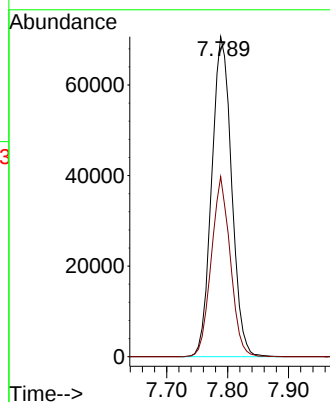
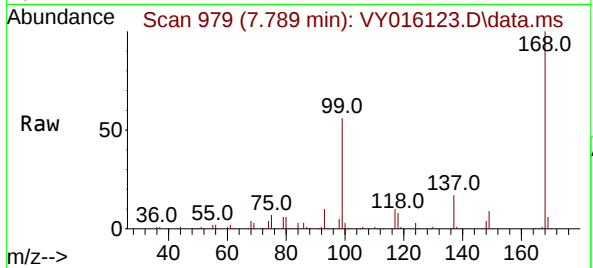




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

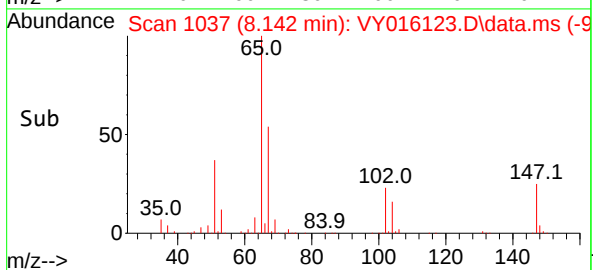
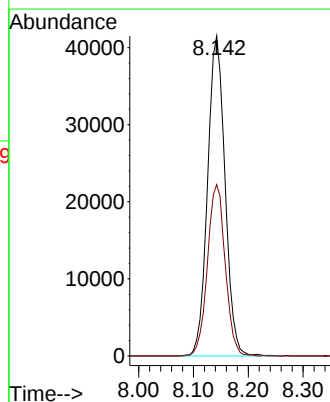
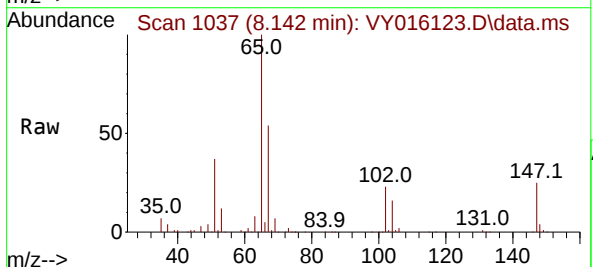
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

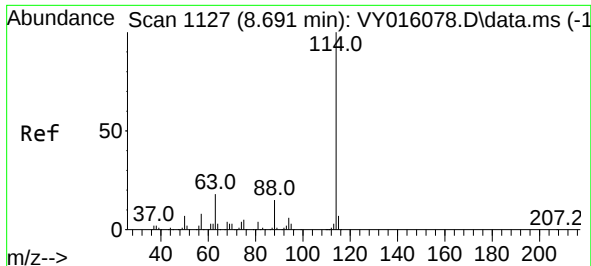
Tgt Ion:168 Resp: 160345
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.375 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Tgt Ion: 65 Resp: 91480
Ion Ratio Lower Upper
65 100
67 54.6 0.0 101.8

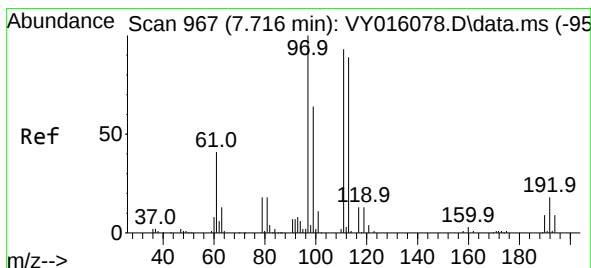
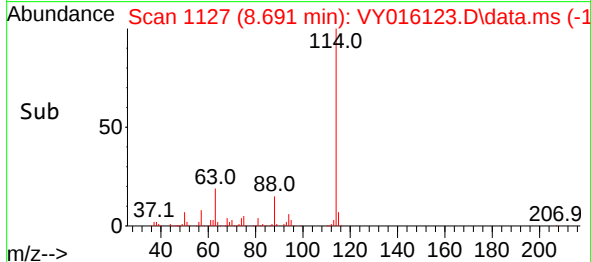
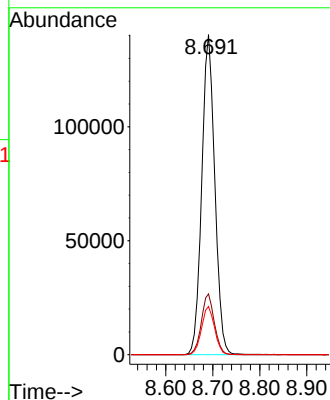
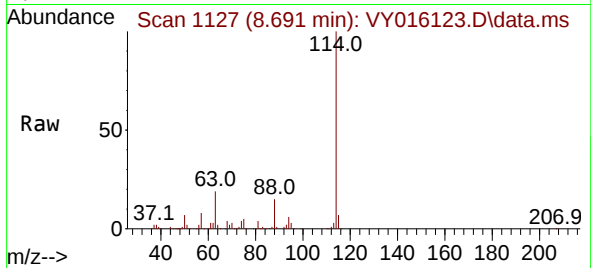




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

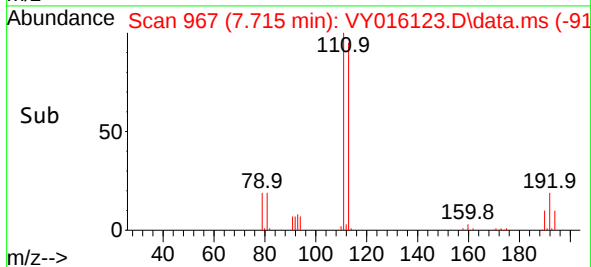
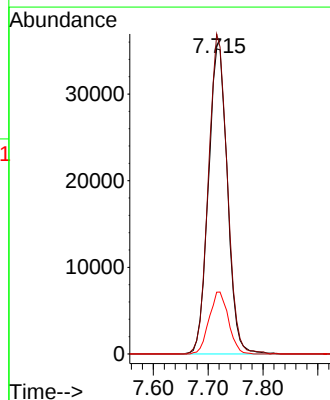
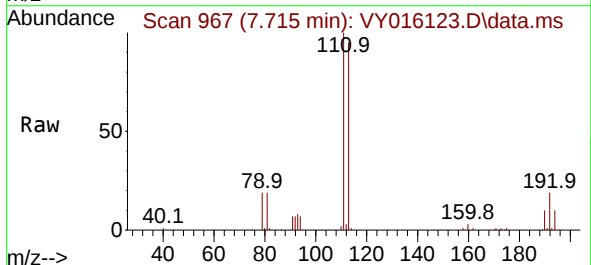
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

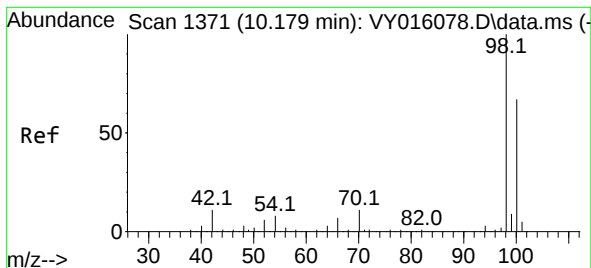
Tgt Ion:114 Resp: 270339
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.023 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Tgt Ion:113 Resp: 85372
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.4 16.9 25.3





#50

Toluene-d8

Concen: 49.537 ug/l

RT: 10.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

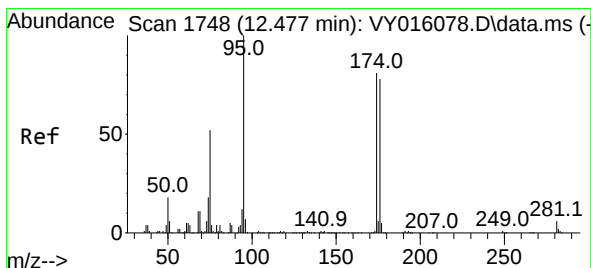
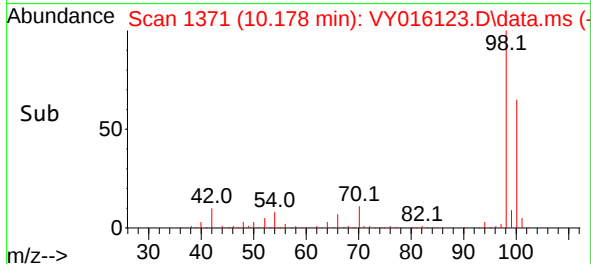
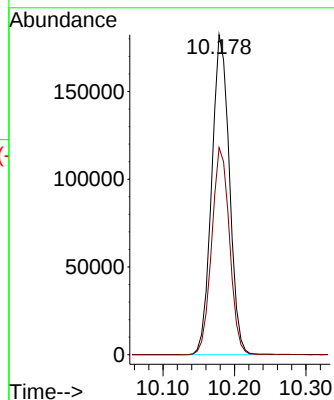
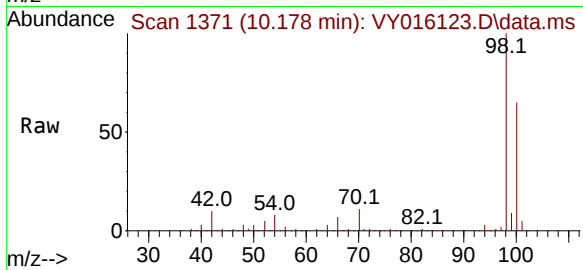
VY1030SBL01

Tgt Ion: 98 Resp: 313157

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.402 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

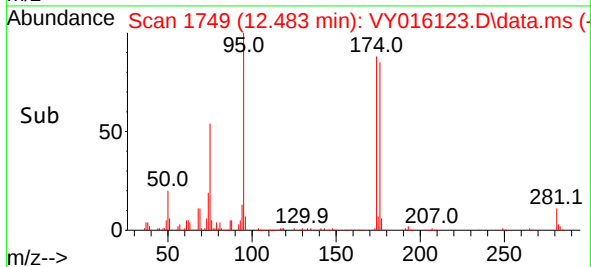
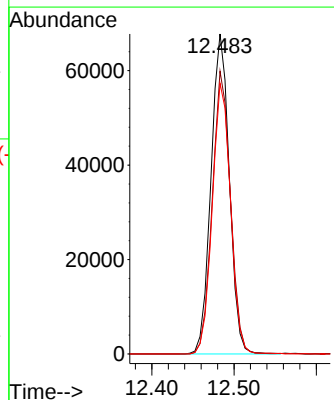
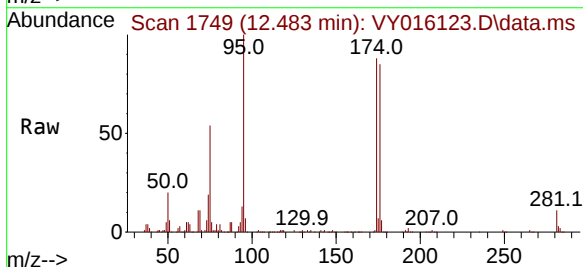
Tgt Ion: 95 Resp: 104959

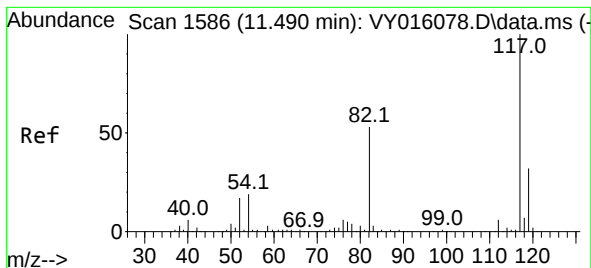
Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.2

176 84.5 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: VY016123.D

Acq: 30 Oct 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBL01

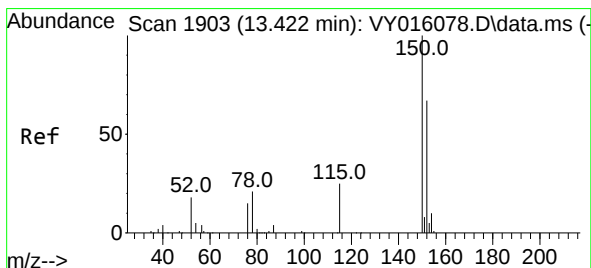
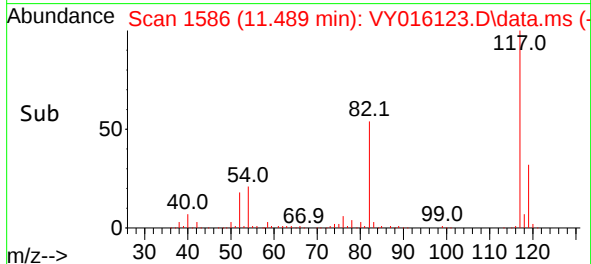
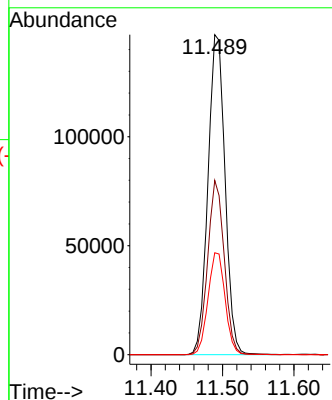
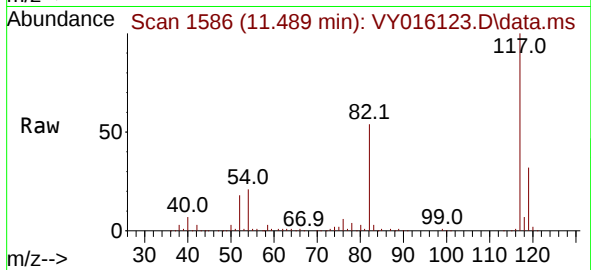
Tgt Ion:117 Resp: 243629

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 31.8 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: VY016123.D

Acq: 30 Oct 2023 10:38

Tgt Ion:152 Resp: 114885

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.2 0.0 348.8

