

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012517.D
 Acq On : 07 Feb 2023 14:35
 Operator : KP/MD
 Sample : VY0207SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBL01

Quant Time: Feb 08 01:43:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	96333	53.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.260%
35) Dibromofluoromethane	7.716	113	81399	52.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.179	98	329559	50.623	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.483	95	104720	46.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.240%

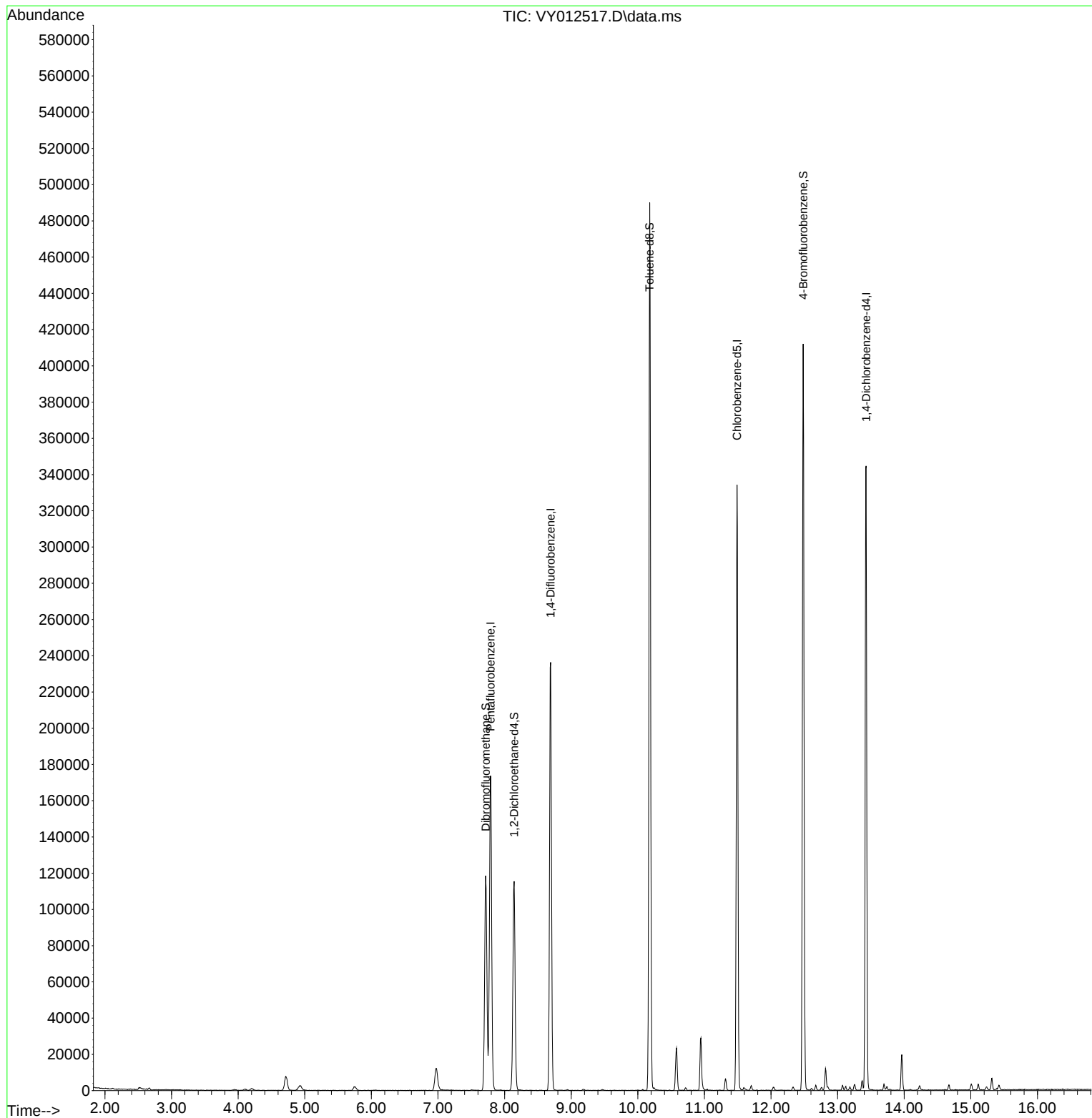
Target Compounds	Qvalue

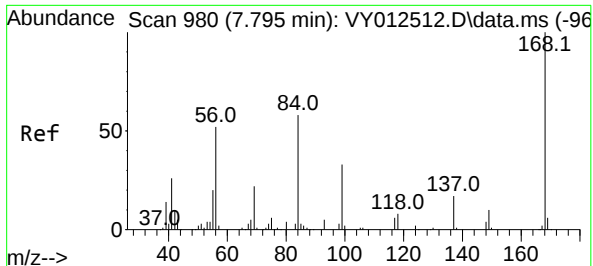
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
Data File : VY012517.D
Acq On : 07 Feb 2023 14:35
Operator : KP/MD
Sample : VY0207SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

Quant Time: Feb 08 01:43:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

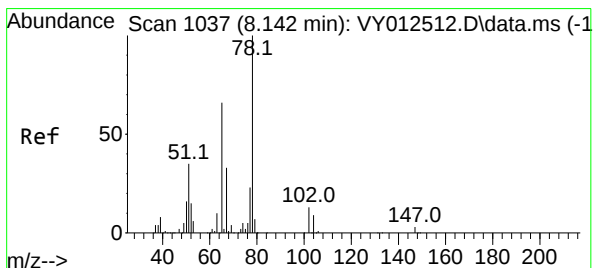
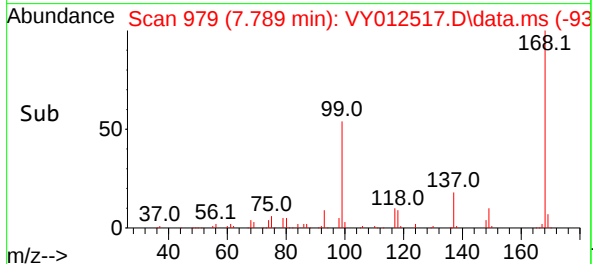
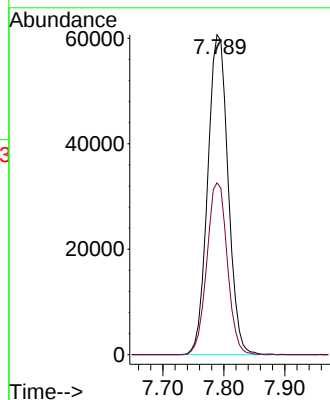
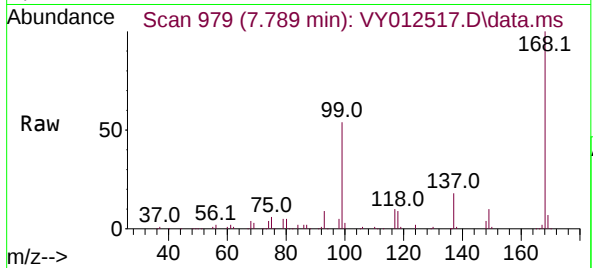




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012517.D
Acq: 07 Feb 2023 14:35

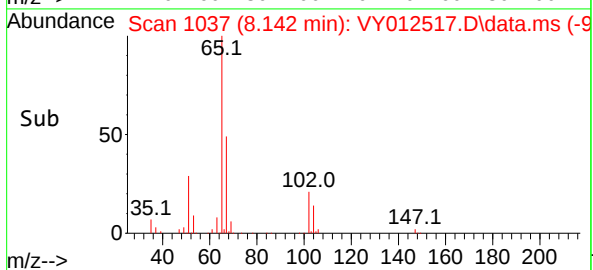
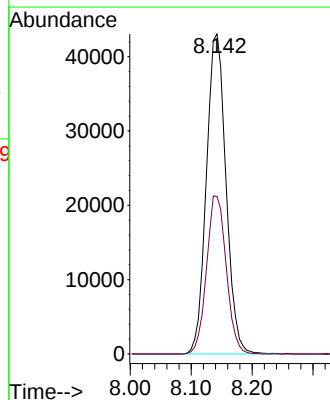
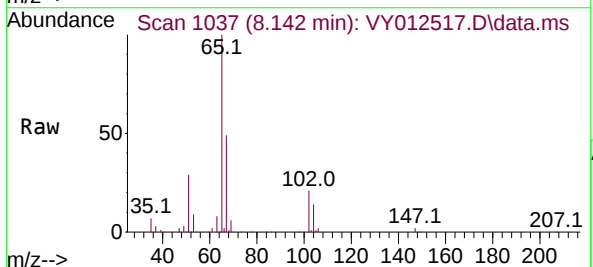
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

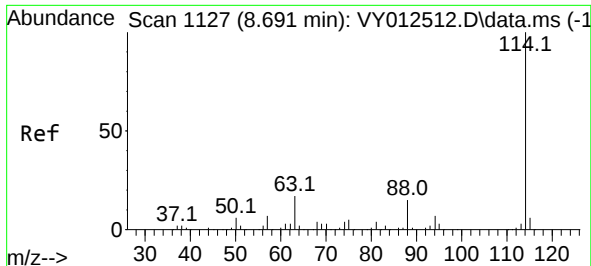
Tgt Ion:168 Resp: 141257
Ion Ratio Lower Upper
168 100
99 53.7 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 53.630 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012517.D
Acq: 07 Feb 2023 14:35

Tgt Ion: 65 Resp: 96333
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012517.D

Acq: 07 Feb 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBL01

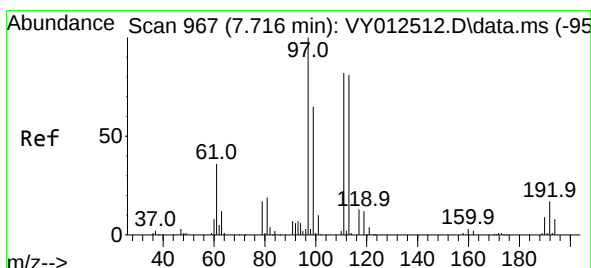
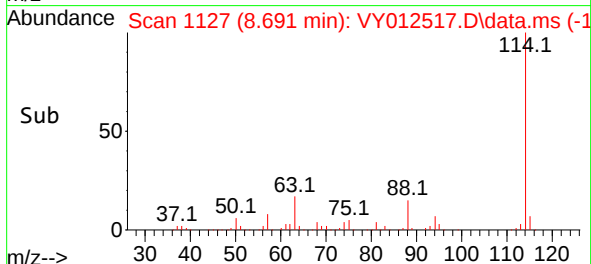
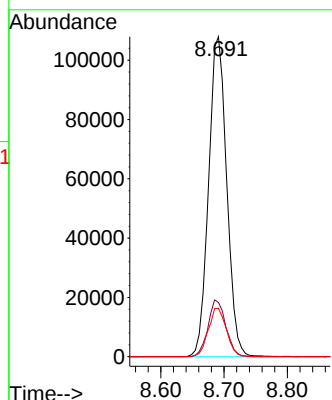
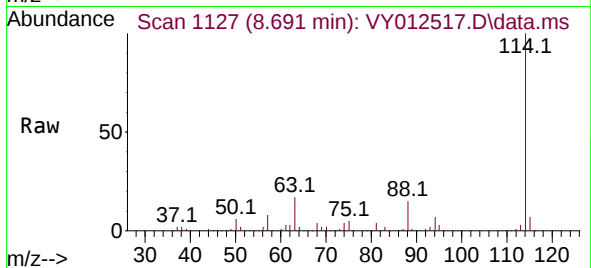
Tgt Ion:114 Resp: 214766

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

88 15.1 0.0 29.8



#35

Dibromofluoromethane

Concen: 52.044 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012517.D

Acq: 07 Feb 2023 14:35

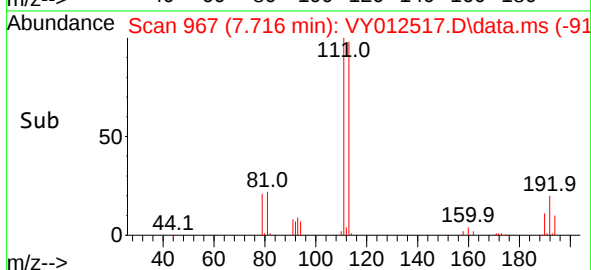
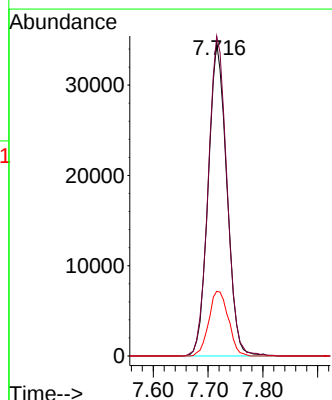
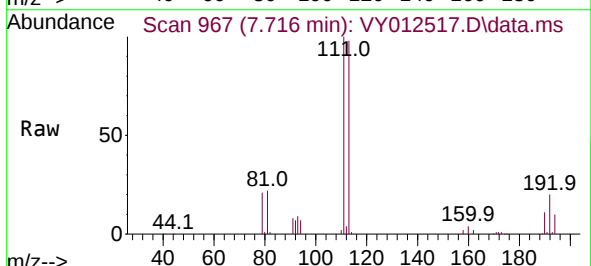
Tgt Ion:113 Resp: 81399

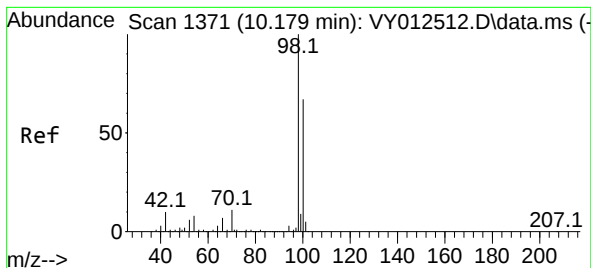
Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 21.8 17.5 26.3





#50

Toluene-d8

Concen: 50.623 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012517.D

Acq: 07 Feb 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

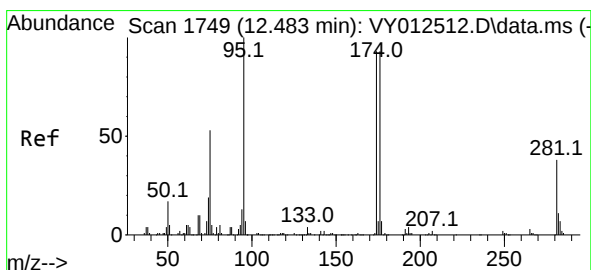
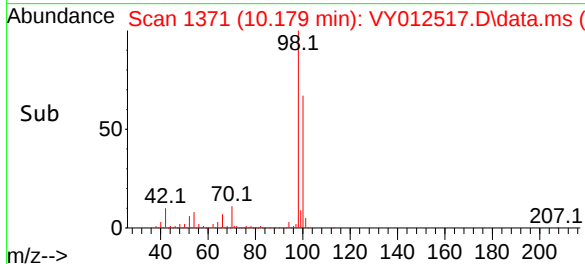
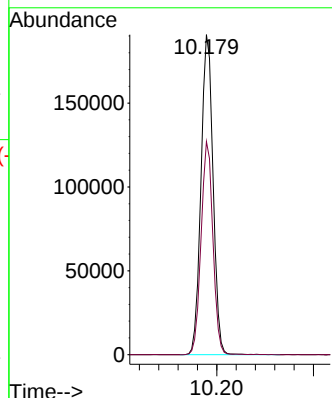
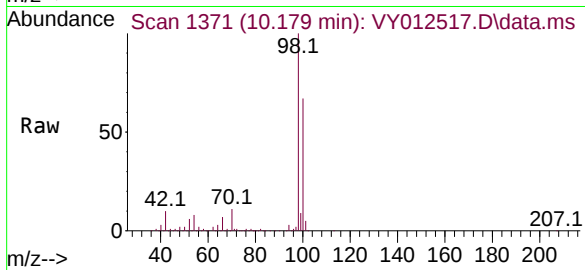
VY0207SBL01

Tgt Ion: 98 Resp: 329559

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.117 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012517.D

Acq: 07 Feb 2023 14:35

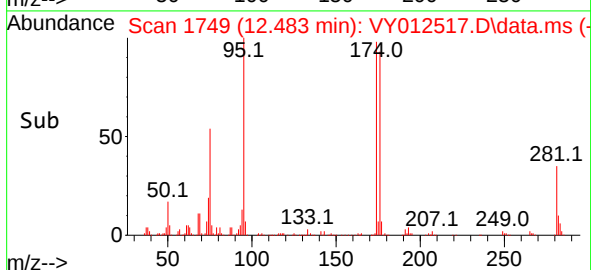
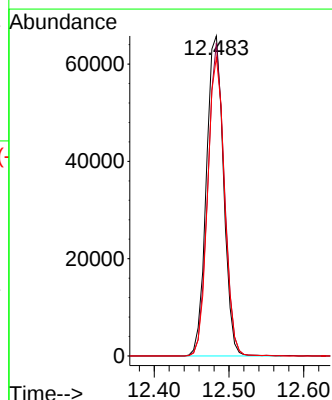
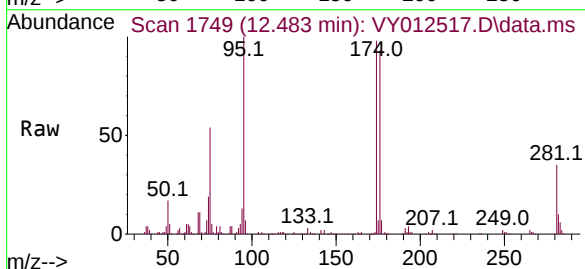
Tgt Ion: 95 Resp: 104720

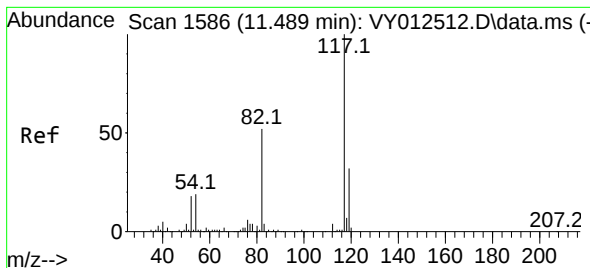
Ion Ratio Lower Upper

95 100

174 94.2 0.0 188.0

176 92.0 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY012517.D

Acq: 07 Feb 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBL01

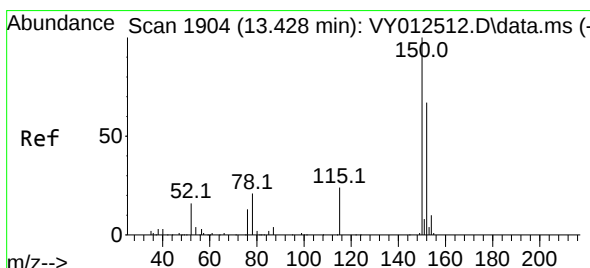
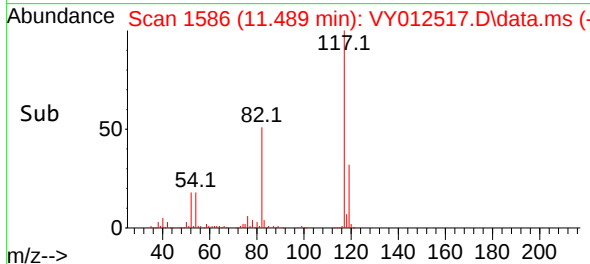
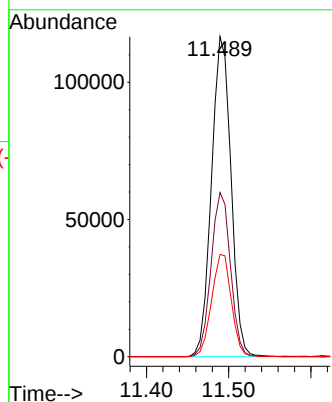
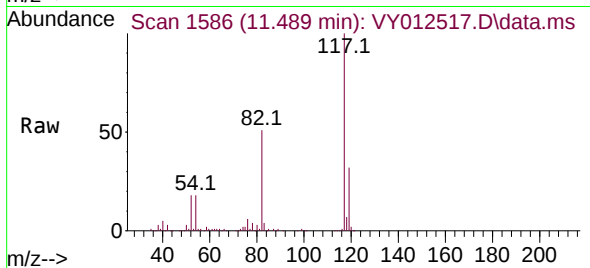
Tgt Ion:117 Resp: 192462

Ion Ratio Lower Upper

117 100

82 51.3 41.7 62.5

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012517.D

Acq: 07 Feb 2023 14:35

Tgt Ion:152 Resp: 96310

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.3

150 158.1 0.0 351.0

