

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015595.D
 Acq On : 16 Sep 2023 02:23
 Operator : SY/MD
 Sample : 04419-07
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-07(35-37)

Quant Time: Sep 16 05:28:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	249598	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	424650	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	395716	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	186109	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	167430	62.575	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.160%
35) Dibromofluoromethane	7.734	113	134492	54.987	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.980%
50) Toluene-d8	10.191	98	499390	56.381	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.760%
62) 4-Bromofluorobenzene	12.489	95	175956	53.511	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.020%

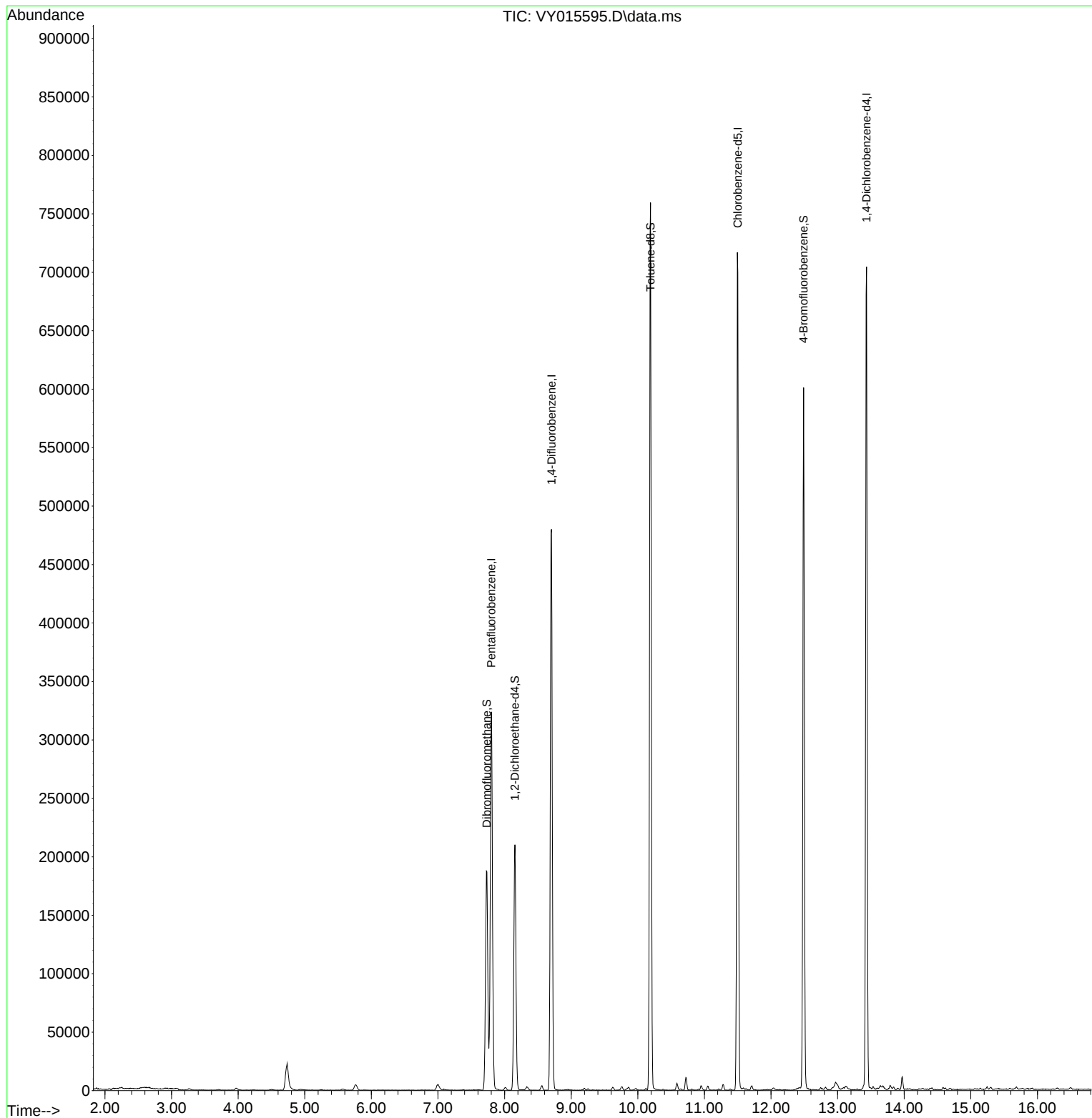
Target Compounds	Qvalue

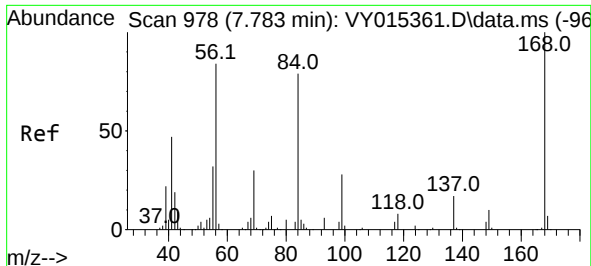
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015595.D
Acq On : 16 Sep 2023 02:23
Operator : SY/MD
Sample : 04419-07
Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-07(35-37)

Quant Time: Sep 16 05:28:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

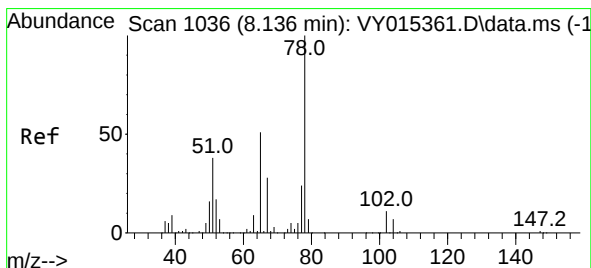
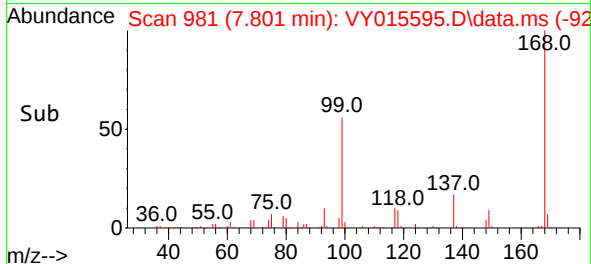
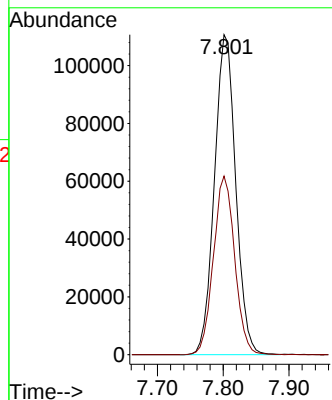
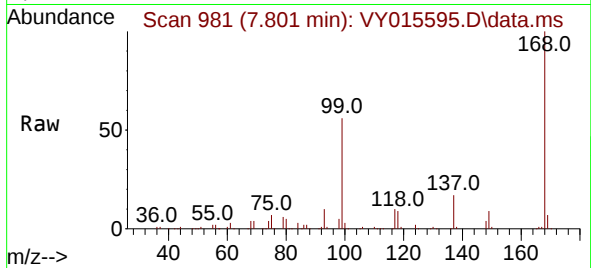




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015595.D
Acq: 16 Sep 2023 02:23

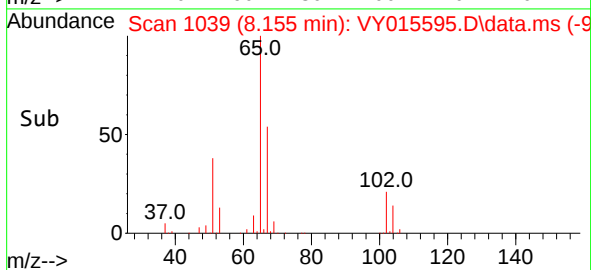
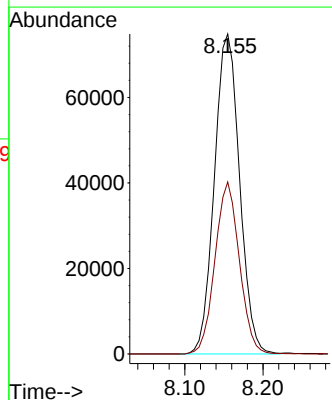
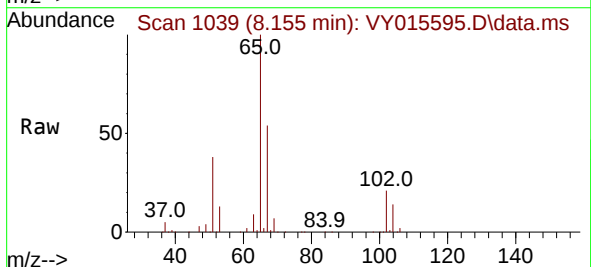
Instrument :
MSVOA_Y
ClientSampleId :
DB-07(35-37)

Tgt Ion:168 Resp: 249598
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.575 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015595.D
Acq: 16 Sep 2023 02:23

Tgt Ion: 65 Resp: 167430
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1126

Delta R.T. 0.018 min

Lab File: VY015595.D

Acq: 16 Sep 2023 02:23

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(35-37)

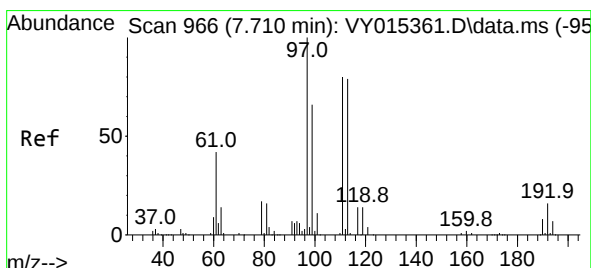
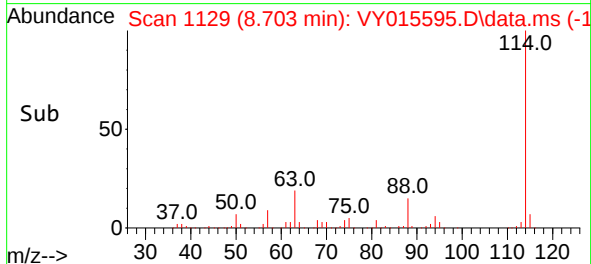
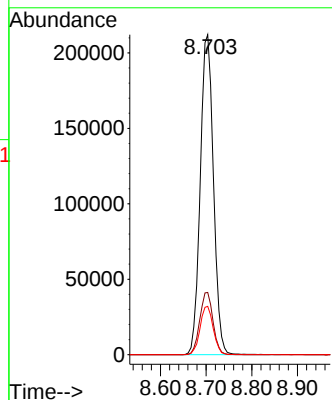
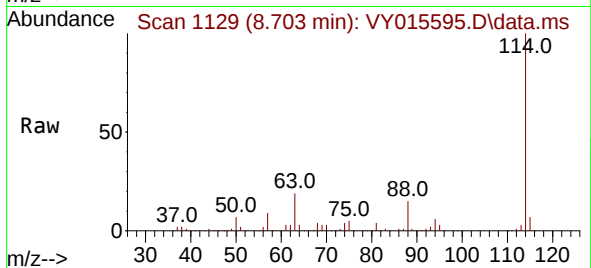
Tgt Ion:114 Resp: 424650

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.987 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY015595.D

Acq: 16 Sep 2023 02:23

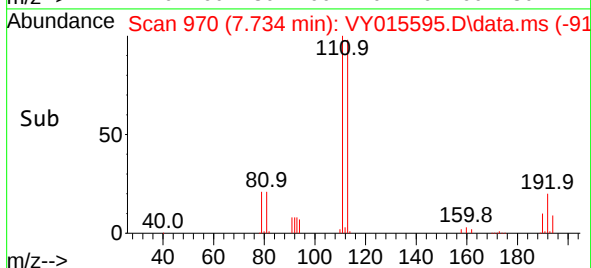
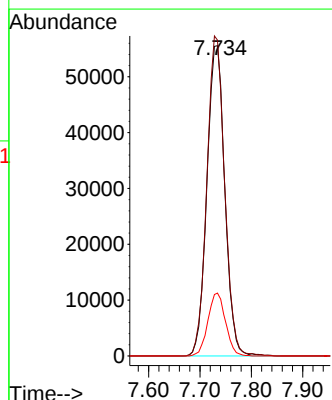
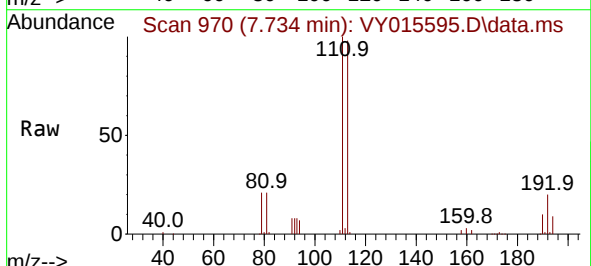
Tgt Ion:113 Resp: 134492

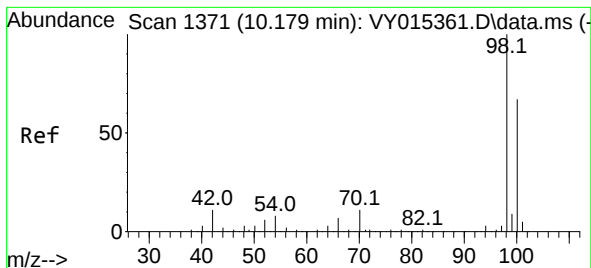
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 19.9 16.9 25.3





#50

Toluene-d8

Concen: 56.381 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015595.D

Acq: 16 Sep 2023 02:23

Instrument :

MSVOA_Y

ClientSampleId :

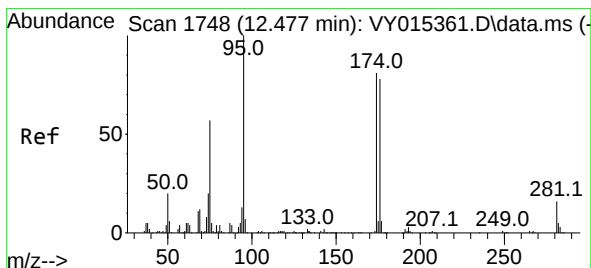
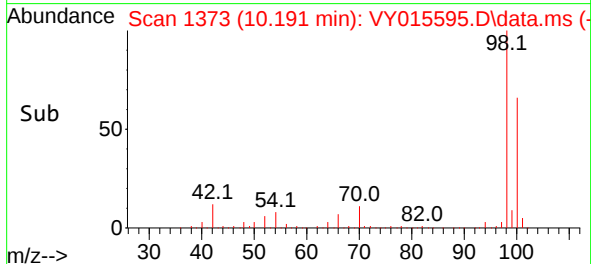
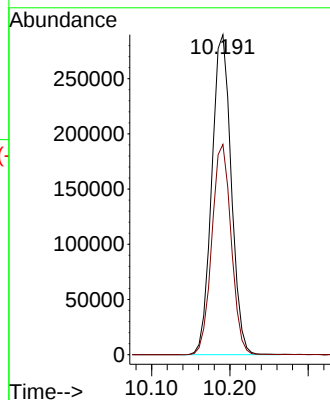
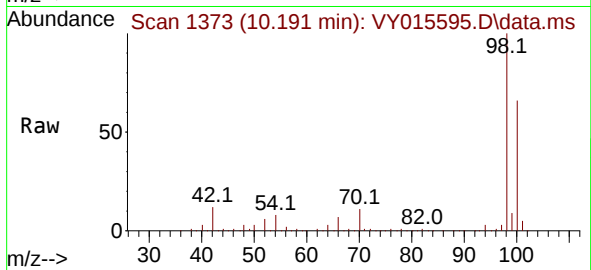
DB-07(35-37)

Tgt Ion: 98 Resp: 499390

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.511 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015595.D

Acq: 16 Sep 2023 02:23

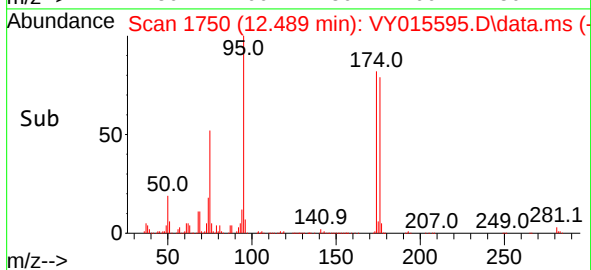
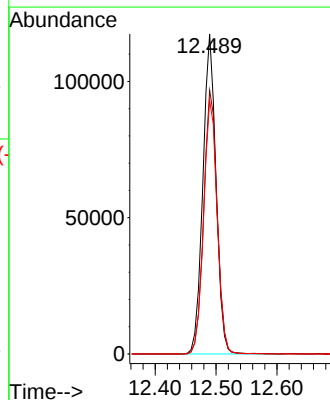
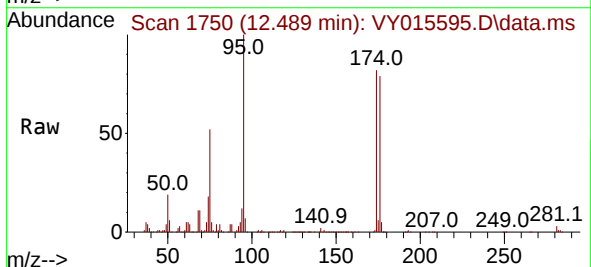
Tgt Ion: 95 Resp: 175956

Ion Ratio Lower Upper

95 100

174 84.7 0.0 178.2

176 81.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015595.D

Acq: 16 Sep 2023 02:23

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(35-37)

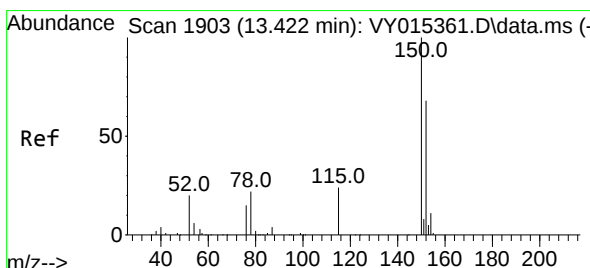
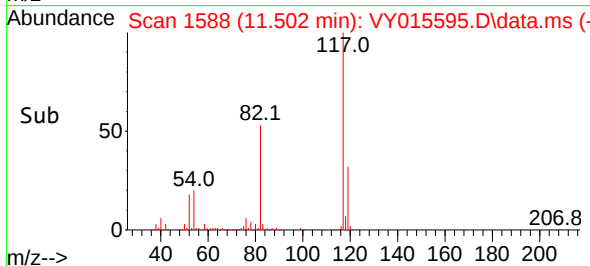
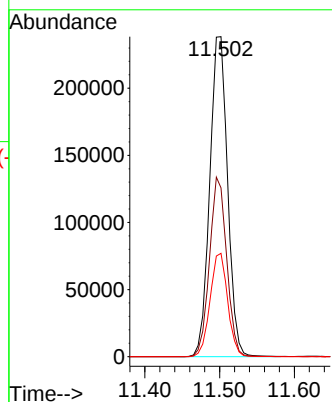
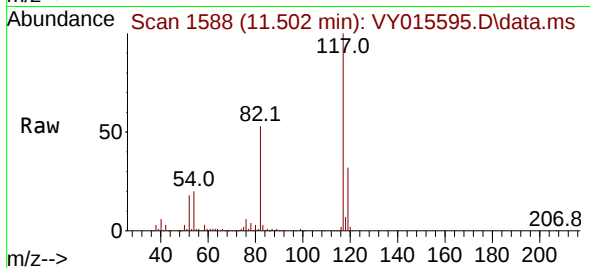
Tgt Ion:117 Resp: 395716

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015595.D

Acq: 16 Sep 2023 02:23

Tgt Ion:152 Resp: 186109

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.5 0.0 348.8

