

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014233.D
 Acq On : 19 Jun 2023 17:21
 Operator : KP/MD
 Sample : 03287-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-061523RE

Quant Time: Jun 20 04:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	11845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8787	53.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.540%
35) Dibromofluoromethane	7.716	113	5712	46.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.179	98	20500	44.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.820%
62) 4-Bromofluorobenzene	12.477	95	5908	36.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.060%

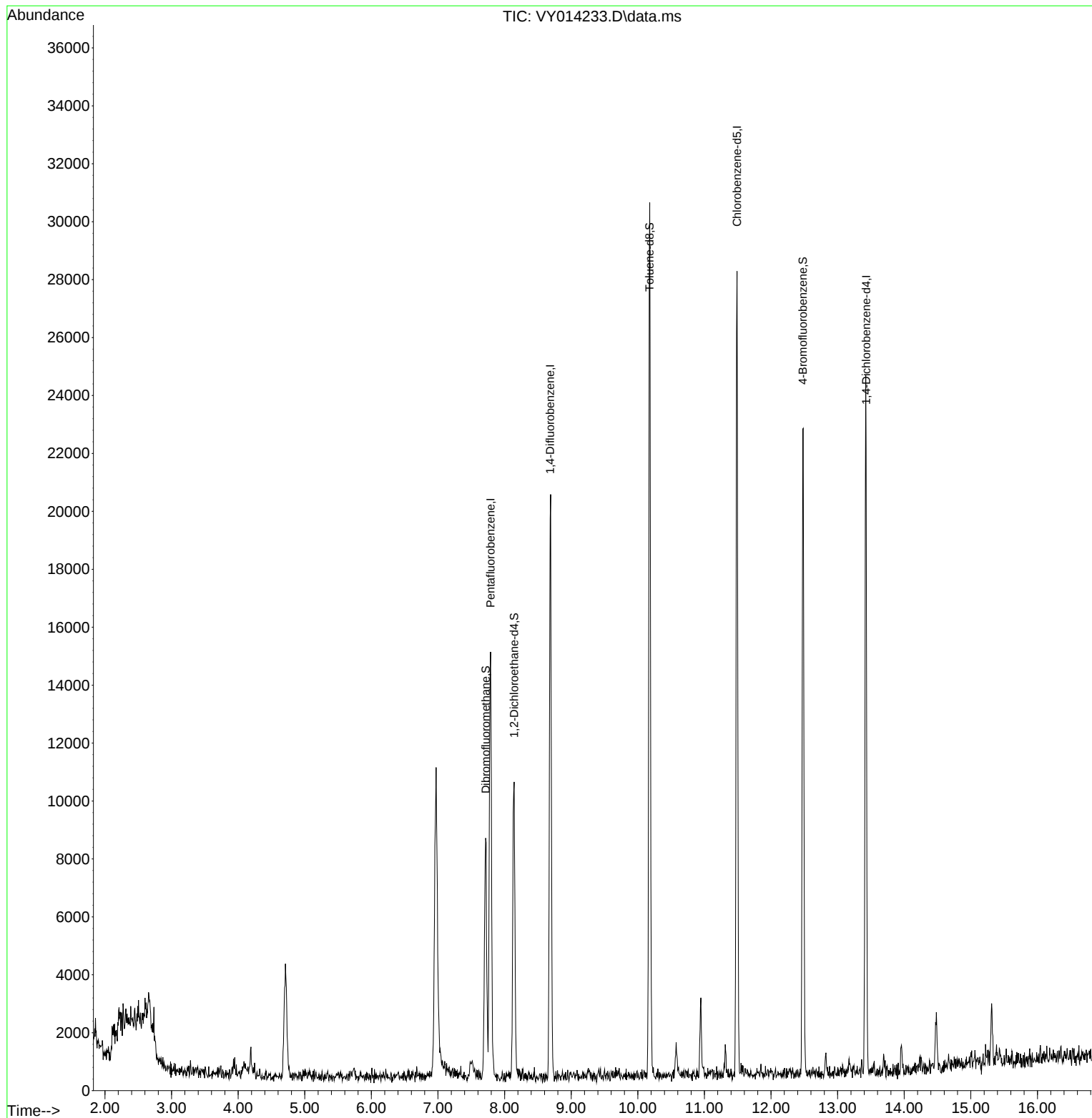
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014233.D
Acq On : 19 Jun 2023 17:21
Operator : KP/MD
Sample : 03287-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Quant Time: Jun 20 04:59:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

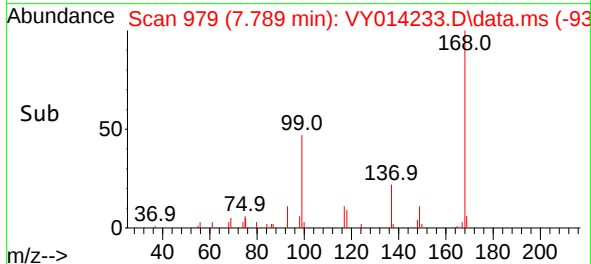
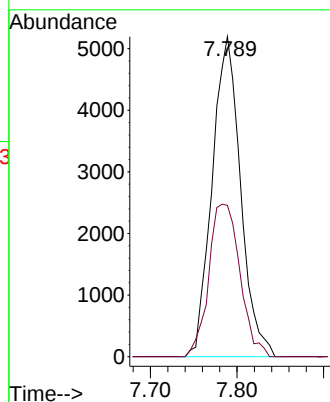
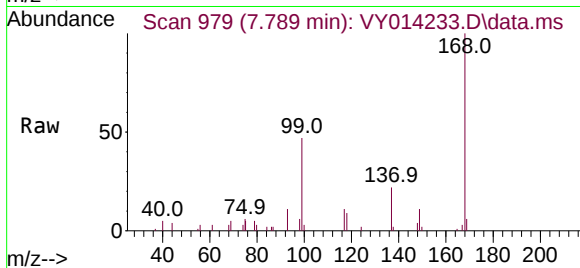




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

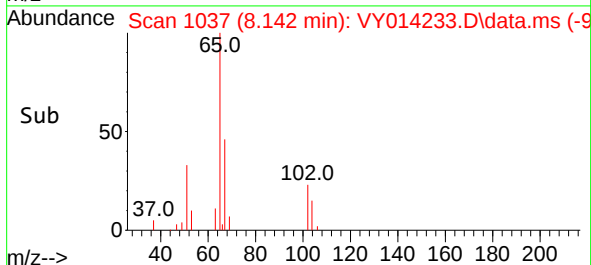
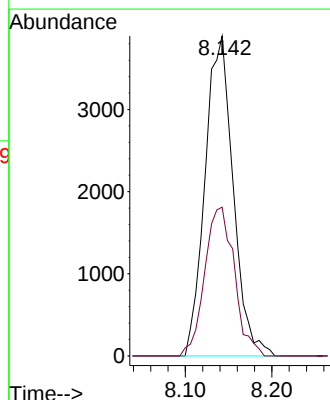
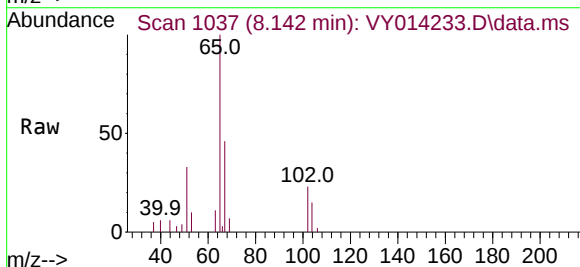
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion:168 Resp: 11845
Ion Ratio Lower Upper
168 100
99 47.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.273 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 65 Resp: 8787
Ion Ratio Lower Upper
65 100
67 49.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014233.D

Acq: 19 Jun 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-061523RE

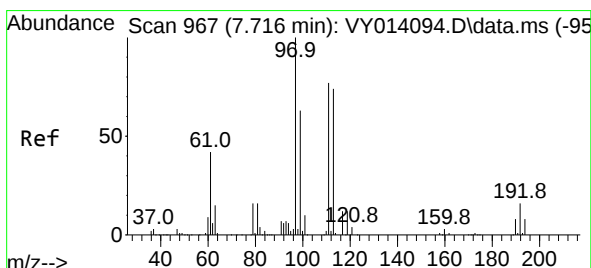
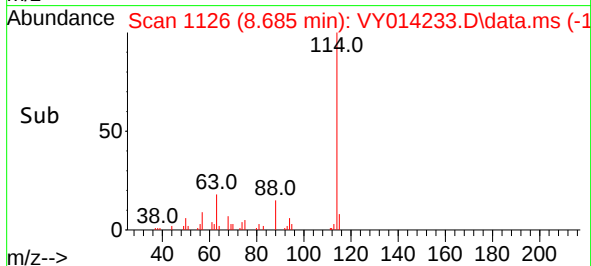
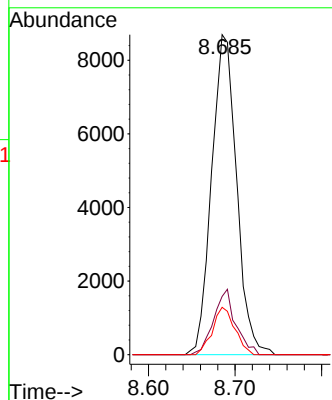
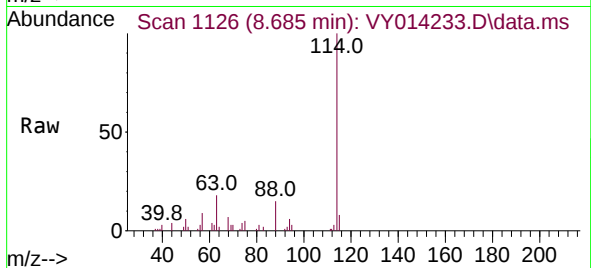
Tgt Ion:114 Resp: 17409

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.266 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014233.D

Acq: 19 Jun 2023 17:21

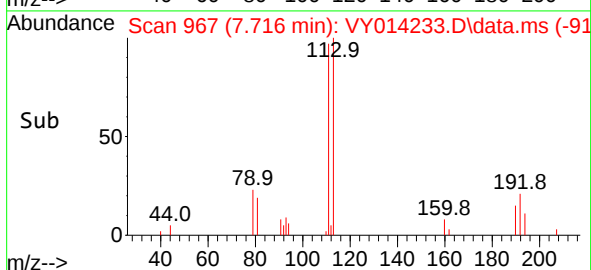
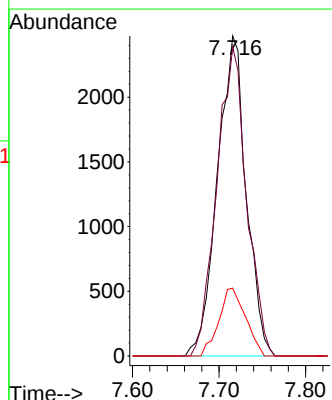
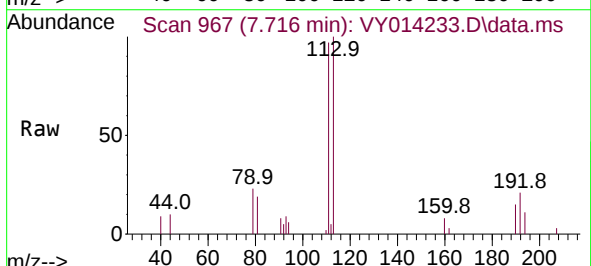
Tgt Ion:113 Resp: 5712

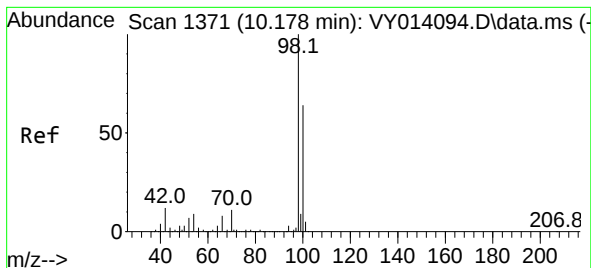
Ion Ratio Lower Upper

113 100

111 99.8 81.3 121.9

192 19.6 16.9 25.3

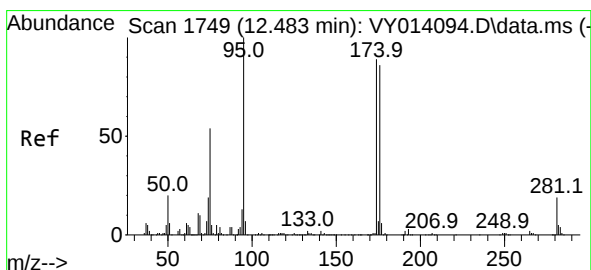
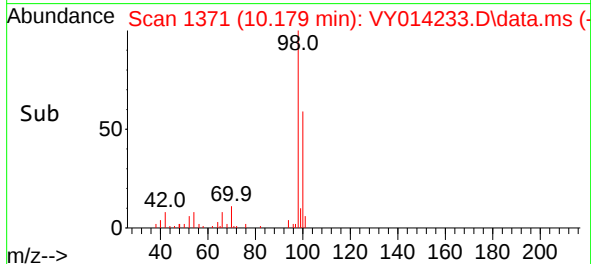
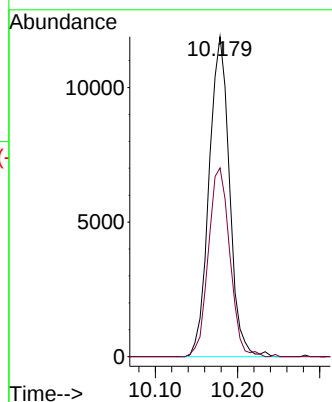
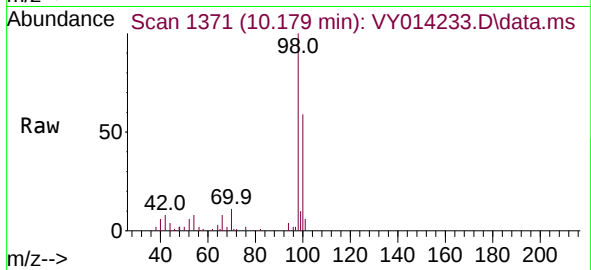




#50
Toluene-d8
Concen: 44.414 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

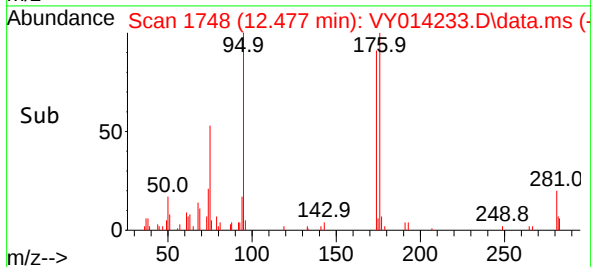
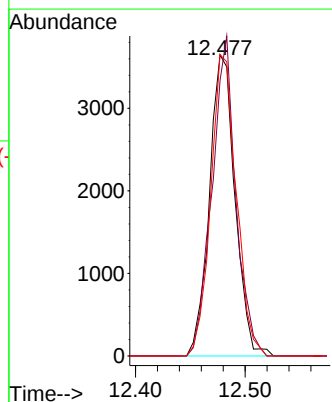
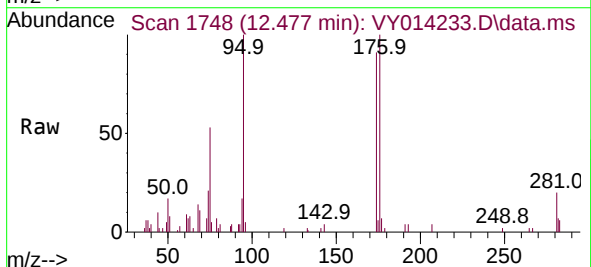
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 98 Resp: 20500
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.032 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 95 Resp: 5908
Ion Ratio Lower Upper
95 100
174 99.2 0.0 178.2
176 100.0 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: VY014233.D

Acq: 19 Jun 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-061523RE

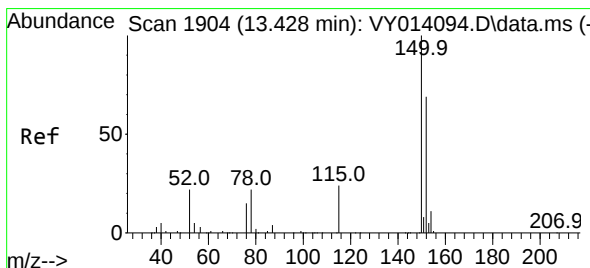
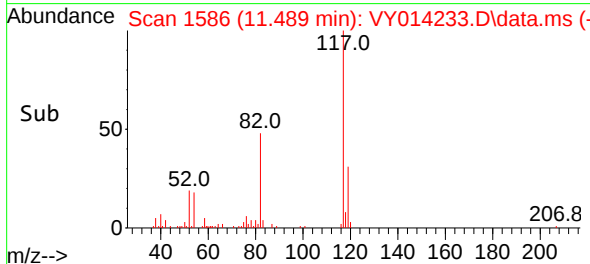
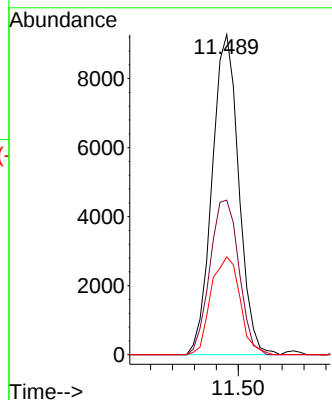
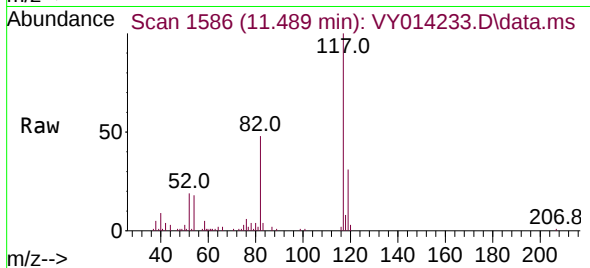
Tgt Ion:117 Resp: 15683

Ion Ratio Lower Upper

117 100

82 48.3 43.4 65.0

119 30.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014233.D

Acq: 19 Jun 2023 17:21

Tgt Ion:152 Resp: 6601

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 161.6 0.0 348.8

