

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014295.D
 Acq On : 20 Jun 2023 19:50
 Operator : KP/MD
 Sample : 03298-06
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-04-GRAB-7

Quant Time: Jun 21 02:09:53 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	7.795	168	33135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	14864	32.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.420%
35) Dibromofluoromethane	7.722	113	12894	42.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.720%
50) Toluene-d8	10.185	98	48072	42.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.480%
62) 4-Bromofluorobenzene	12.483	95	9981	24.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.960%

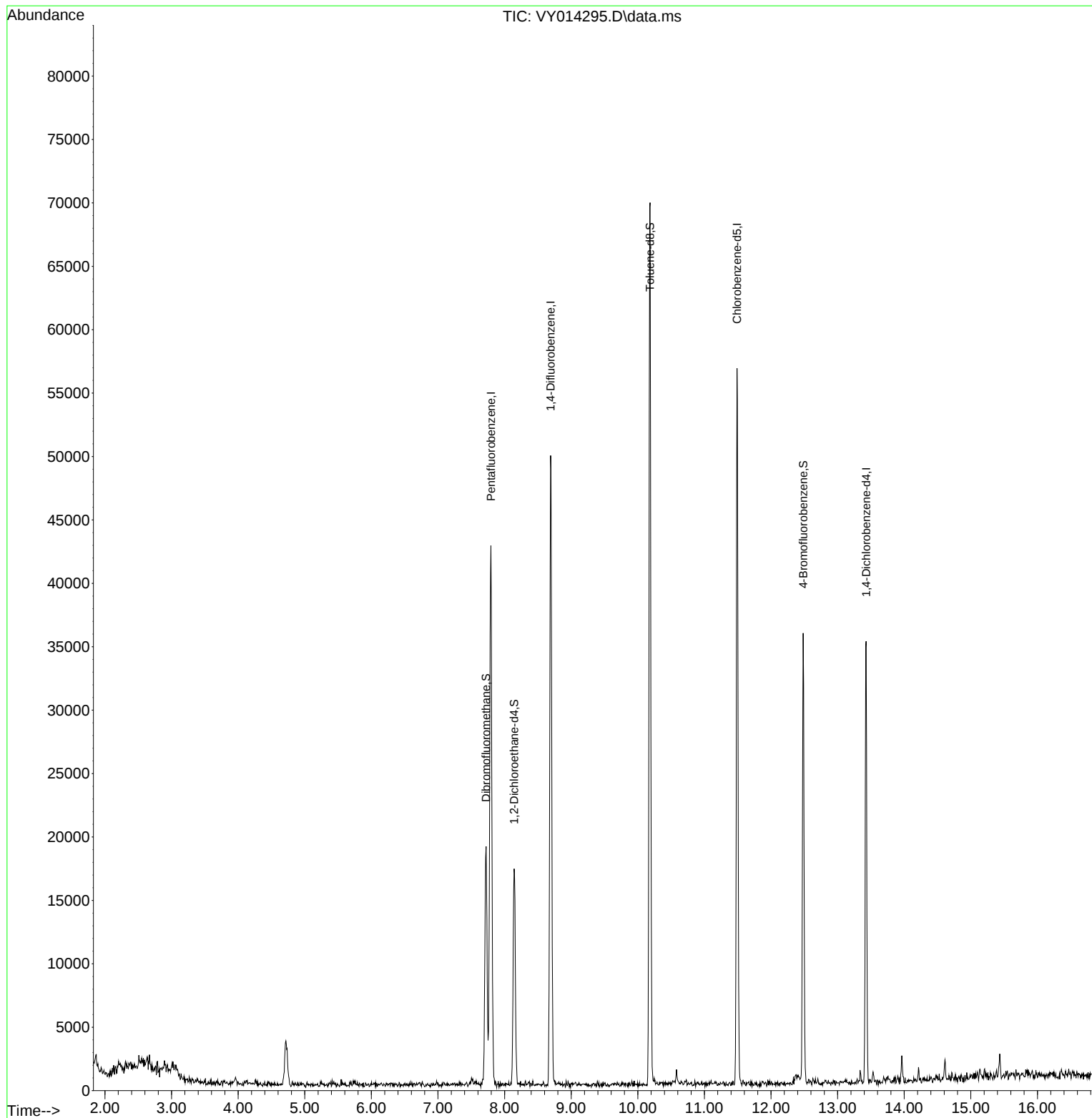
Target Compounds	Qvalue

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

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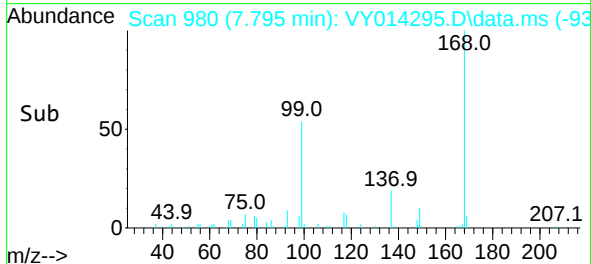
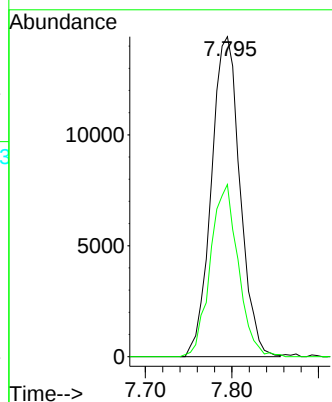
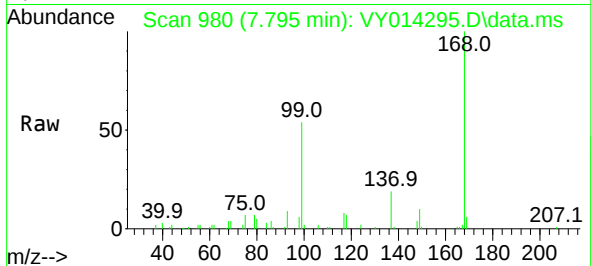




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

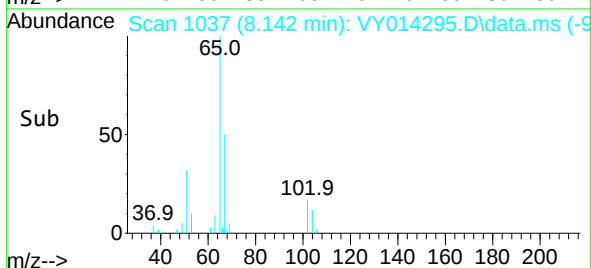
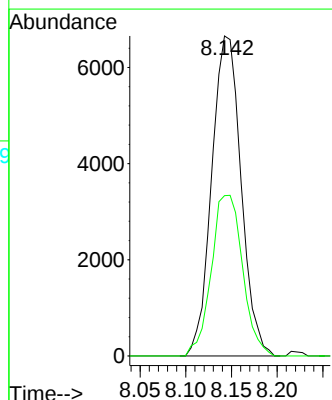
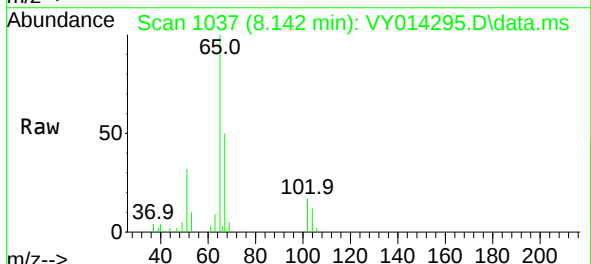
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-04-GRAB-7

Tgt Ion:168 Resp: 33135
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 32.214 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion: 65 Resp: 14864
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

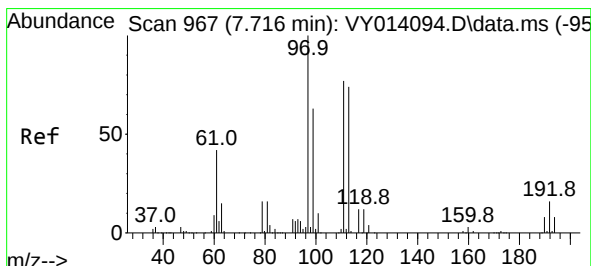
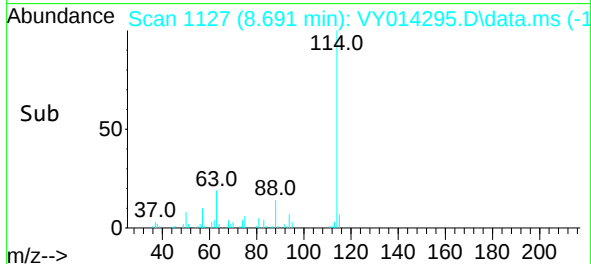
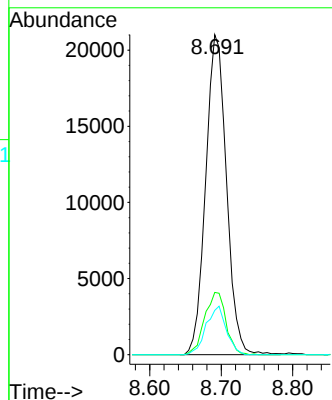
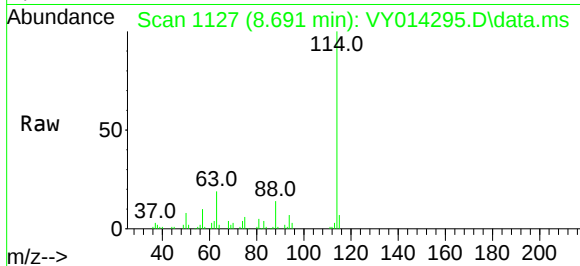




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

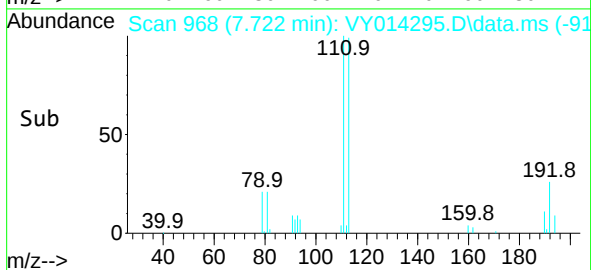
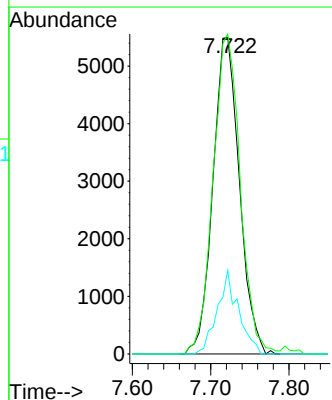
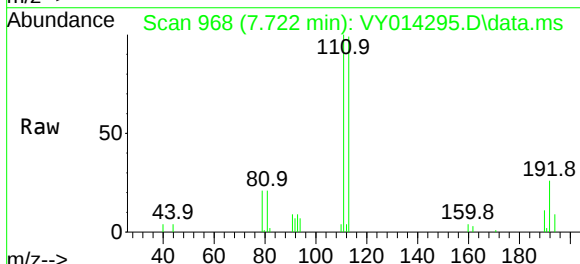
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-TW-04-GRAB-7

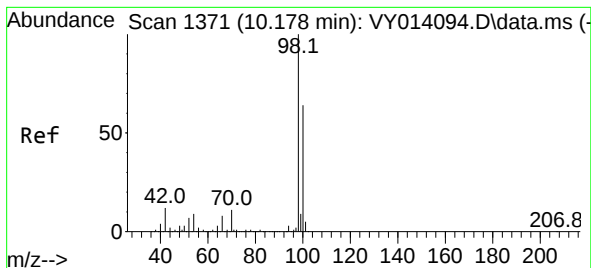
Tgt Ion:114	Resp:	42418
Ion Ratio	Lower	Upper
114	100	
63	19.5	0.0 42.4
88	13.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 42.863 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion:113	Resp:	12894
Ion Ratio	Lower	Upper
113	100	
111	103.7	81.3 121.9
192	21.1	16.9 25.3





#50

Toluene-d8

Concen: 42.744 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014295.D

Acq: 20 Jun 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

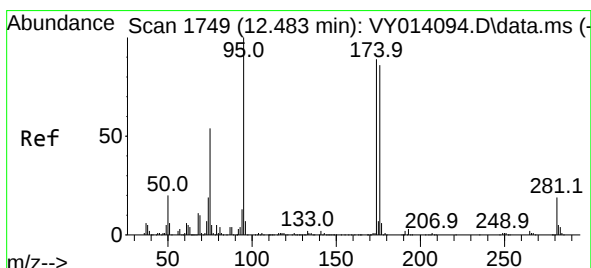
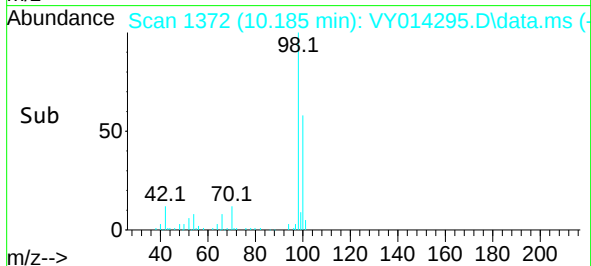
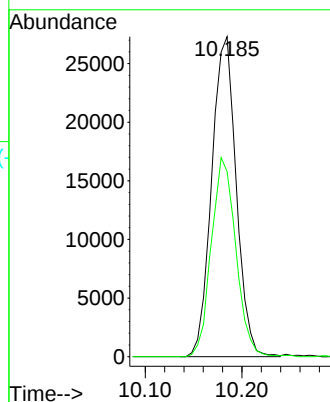
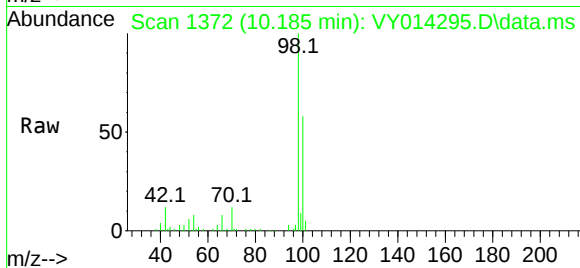
TOTAL-VOC-TW-04-GRAB-7

Tgt Ion: 98 Resp: 48072

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 24.983 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY014295.D

Acq: 20 Jun 2023 19:50

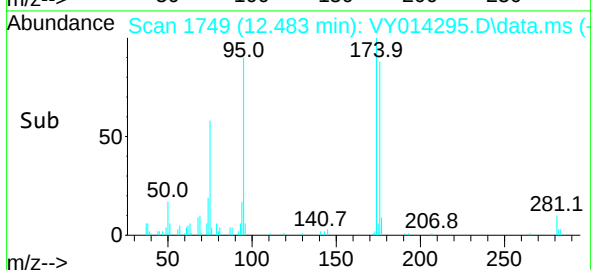
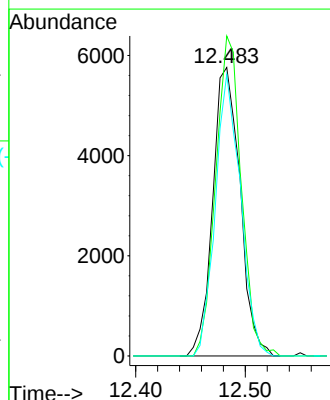
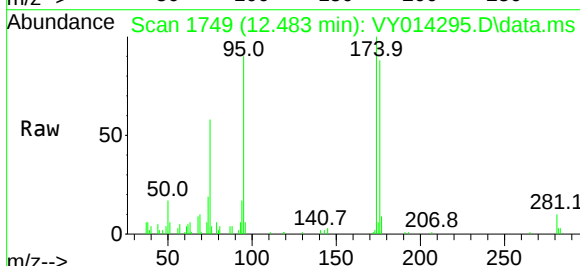
Tgt Ion: 95 Resp: 9981

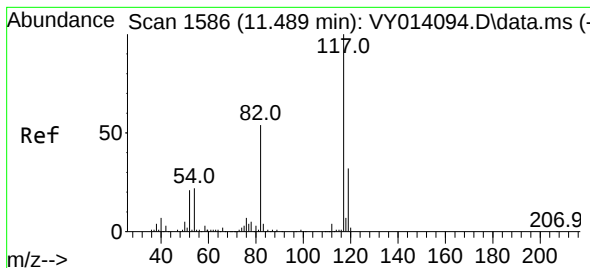
Ion Ratio Lower Upper

95 100

174 103.9 0.0 178.2

176 90.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014295.D

Acq: 20 Jun 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-04-GRAB-7

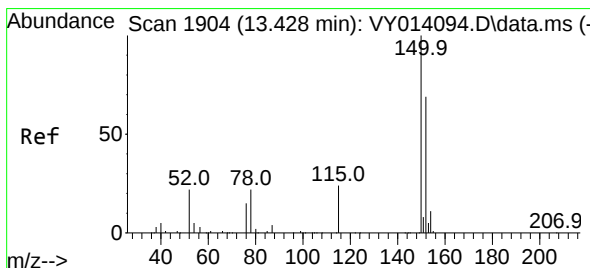
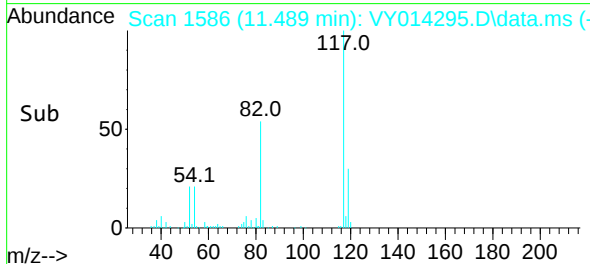
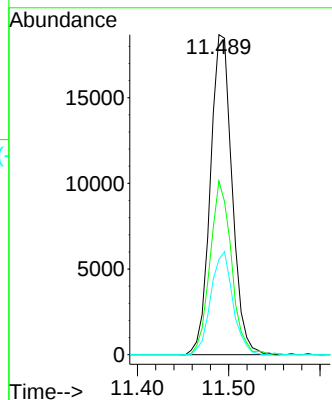
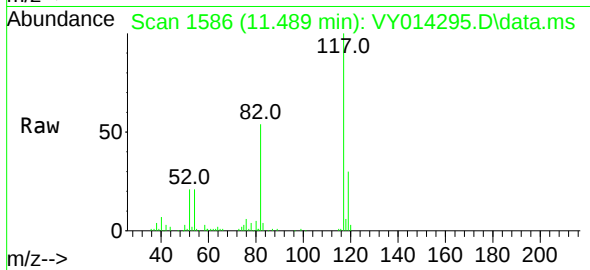
Tgt Ion:117 Resp: 30799

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 29.7 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: VY014295.D

Acq: 20 Jun 2023 19:50

Tgt Ion:152 Resp: 9193

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 169.3 0.0 348.8

