

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013653.D
 Acq On : 08 May 2023 17:22
 Operator : KP/MD
 Sample : 02680-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-050823

Quant Time: May 09 04:59:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4954	175.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	351.420%#
35) Dibromofluoromethane	7.716	113	2826	90.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	180.600%#
50) Toluene-d8	10.179	98	7153	64.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	128.500%
62) 4-Bromofluorobenzene	12.477	95	3030	80.727	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	161.460%#

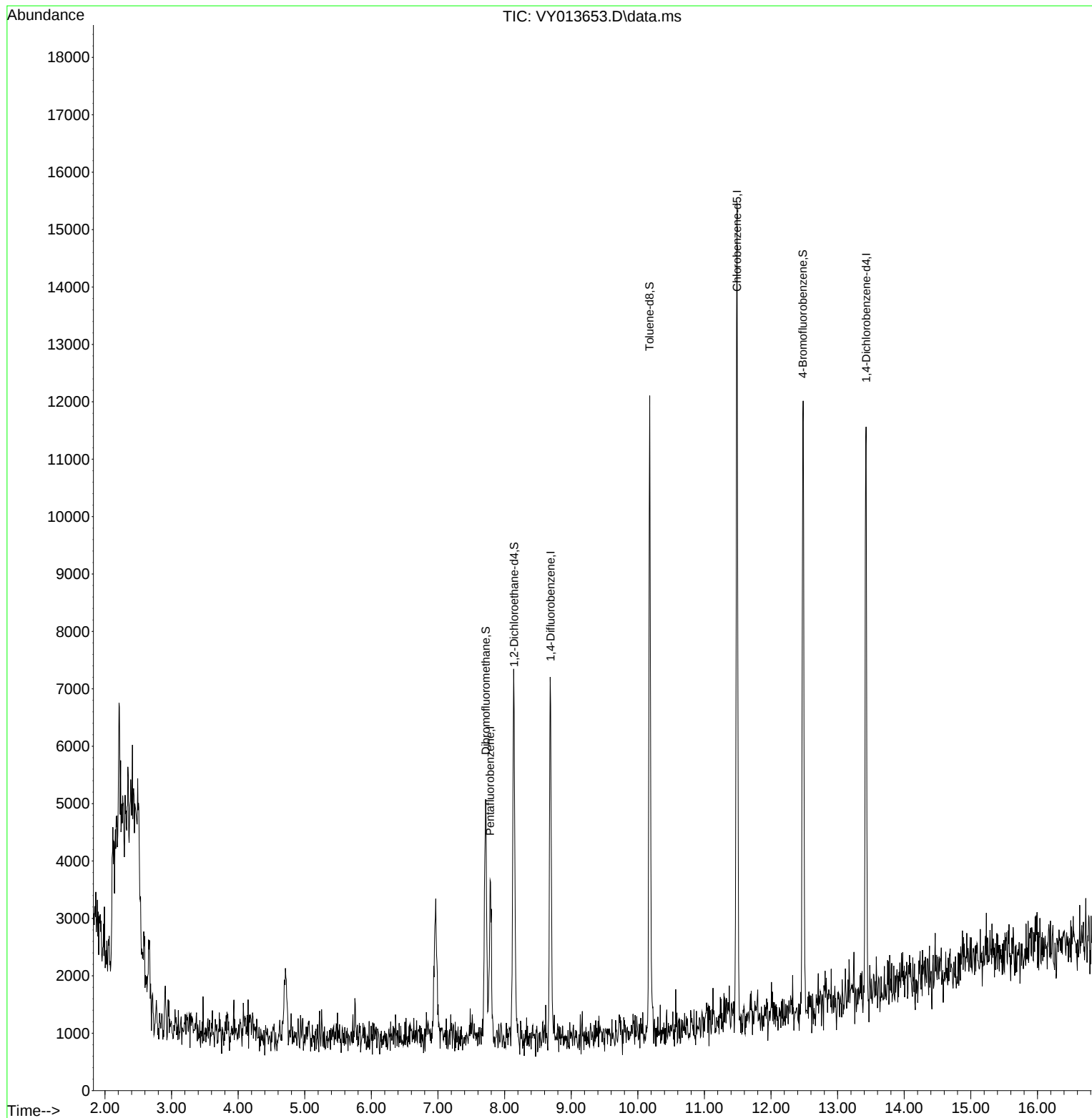
Target Compounds	Qvalue

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

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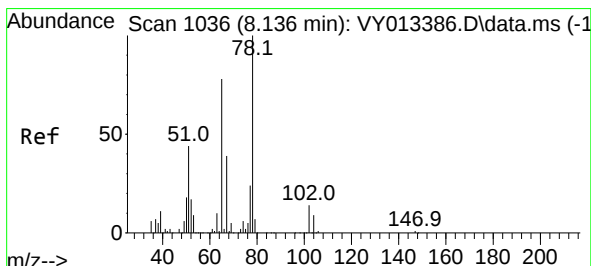
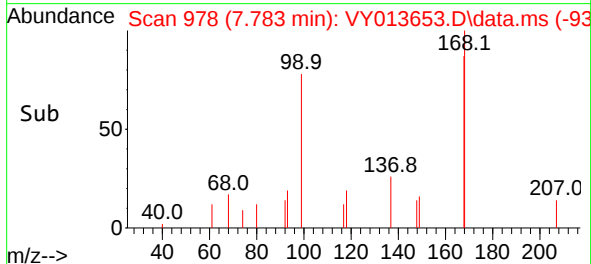
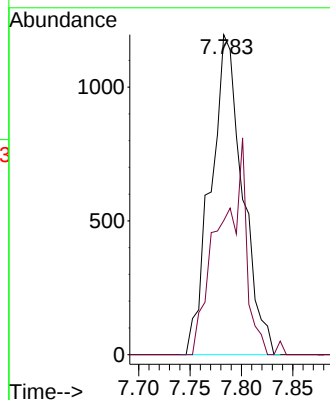
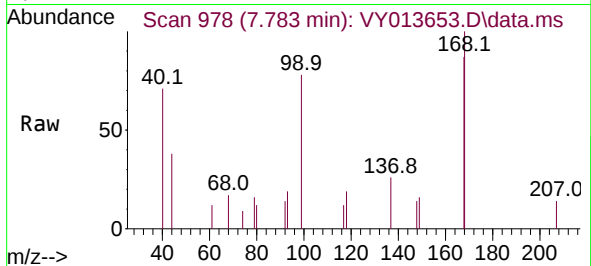




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013653.D
Acq: 08 May 2023 17:22

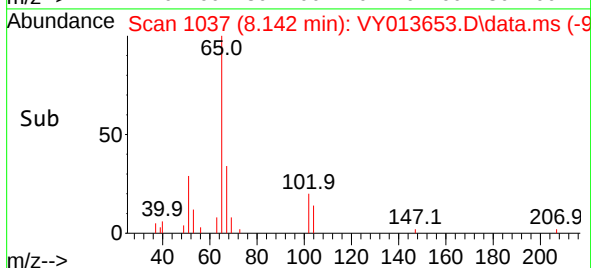
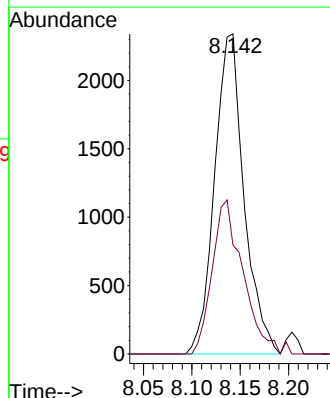
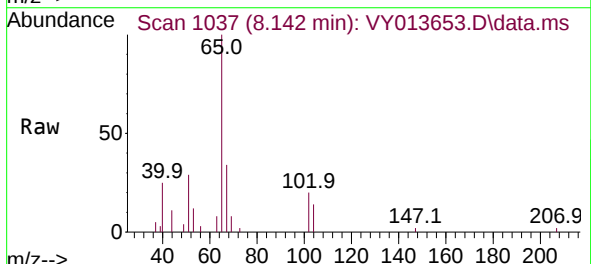
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-050823

Tgt Ion:168 Resp: 2572
Ion Ratio Lower Upper
168 100
99 41.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 175.706 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013653.D
Acq: 08 May 2023 17:22

Tgt Ion: 65 Resp: 4954
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013653.D

Acq: 08 May 2023 17:22

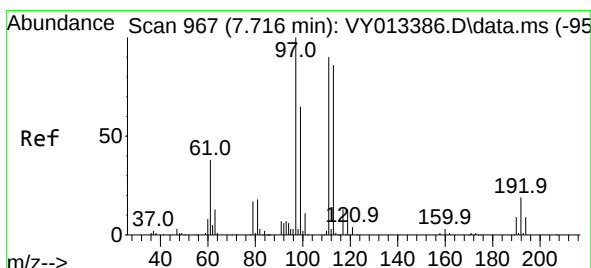
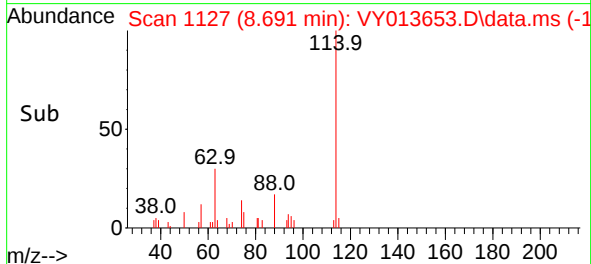
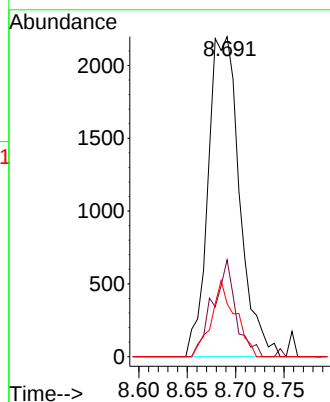
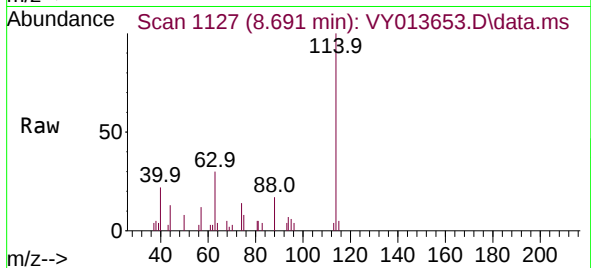
Instrument :

MSVOA_Y

ClientSampleId :

SU-02-050823

Tgt Ion:114	Resp:	4976
Ion	Ratio	Lower Upper
114	100	
63	30.3	0.0 36.6
88	16.6	0.0 28.8



#35

Dibromofluoromethane

Concen: 90.297 ug/l

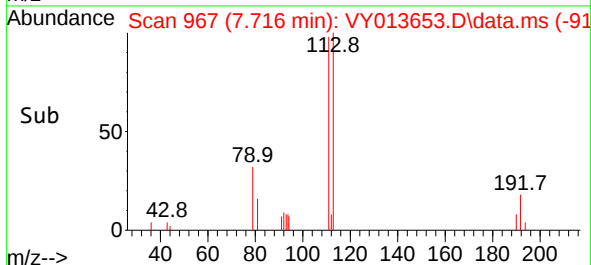
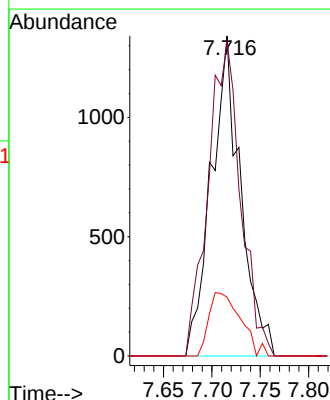
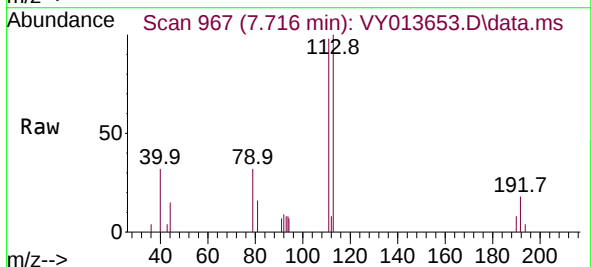
RT: 7.716 min Scan# 967

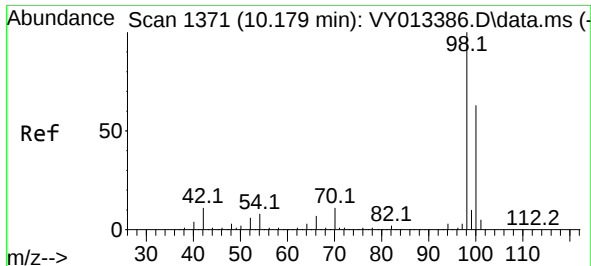
Delta R.T. -0.000 min

Lab File: VY013653.D

Acq: 08 May 2023 17:22

Tgt Ion:113	Resp:	2826
Ion	Ratio	Lower Upper
113	100	
111	109.0	82.2 123.2
192	21.5	16.7 25.1

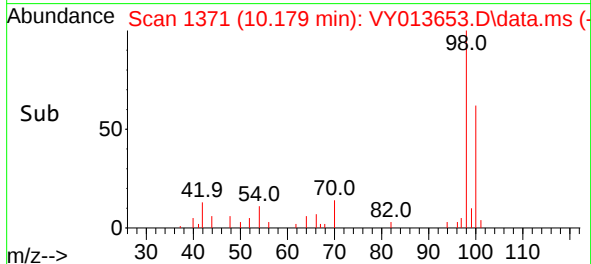
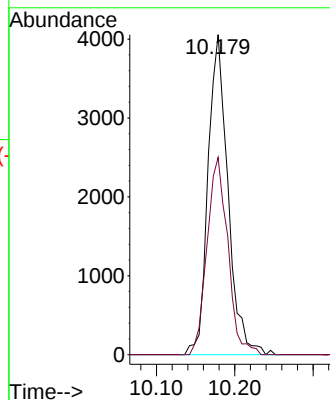
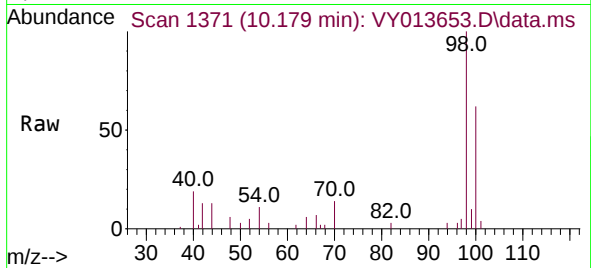




#50
Toluene-d8
Concen: 64.247 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013653.D
Acq: 08 May 2023 17:22

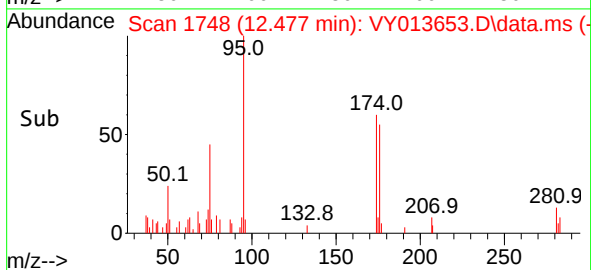
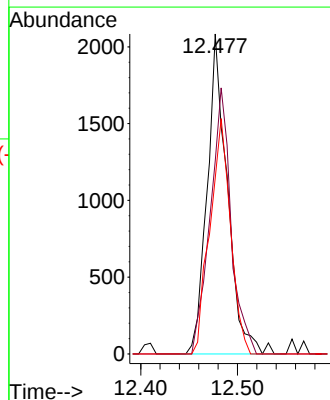
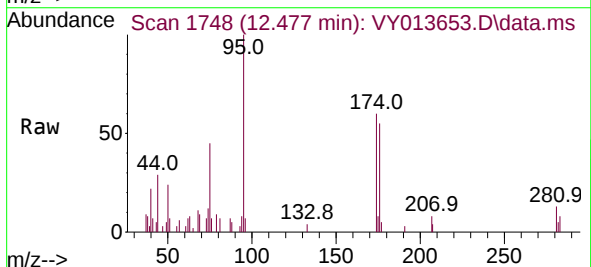
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-050823

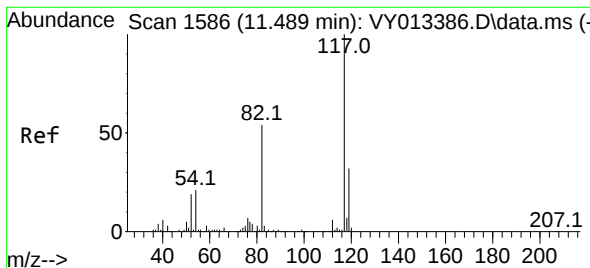
Tgt Ion: 98 Resp: 7153
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 80.727 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013653.D
Acq: 08 May 2023 17:22

Tgt Ion: 95 Resp: 3030
Ion Ratio Lower Upper
95 100
174 85.8 0.0 182.0
176 74.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013653.D

Acq: 08 May 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-050823

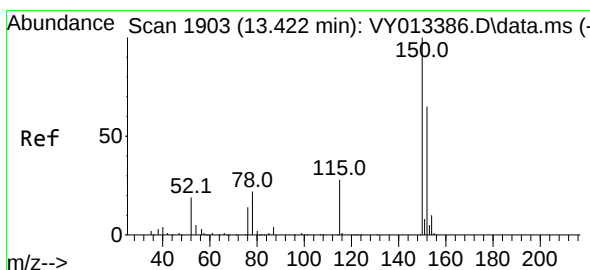
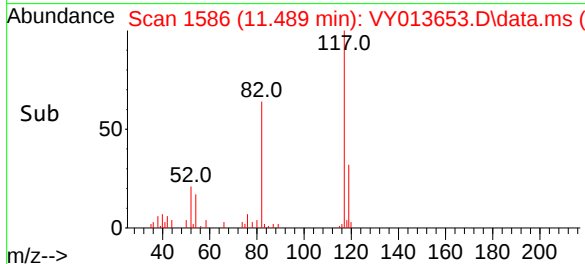
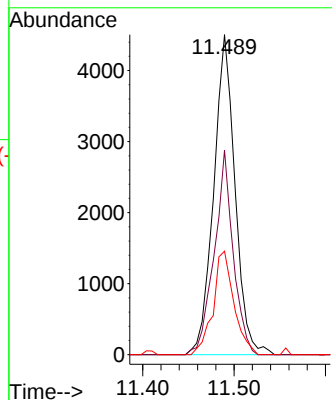
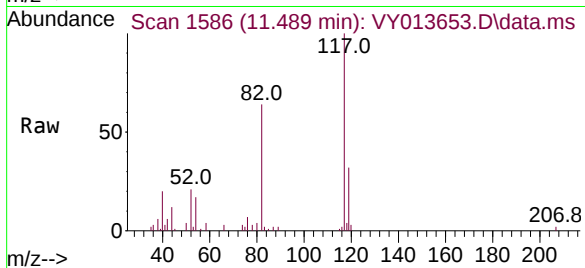
Tgt Ion:117 Resp: 7303

Ion Ratio Lower Upper

117 100

82 64.0 43.0 64.6

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013653.D

Acq: 08 May 2023 17:22

Tgt Ion:152 Resp: 2620

Ion Ratio Lower Upper

152 100

115 60.0 28.1 84.2

150 156.7 0.0 352.0

