

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013594.D
 Acq On : 04 May 2023 12:56
 Operator : KP/MD
 Sample : VY0504SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL01

Quant Time: May 05 00:58:24 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	7.789	168	255159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	404185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	365713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151906	54.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.620%
35) Dibromofluoromethane	7.716	113	128460	50.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	418704	46.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.483	95	142103	46.610	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.220%

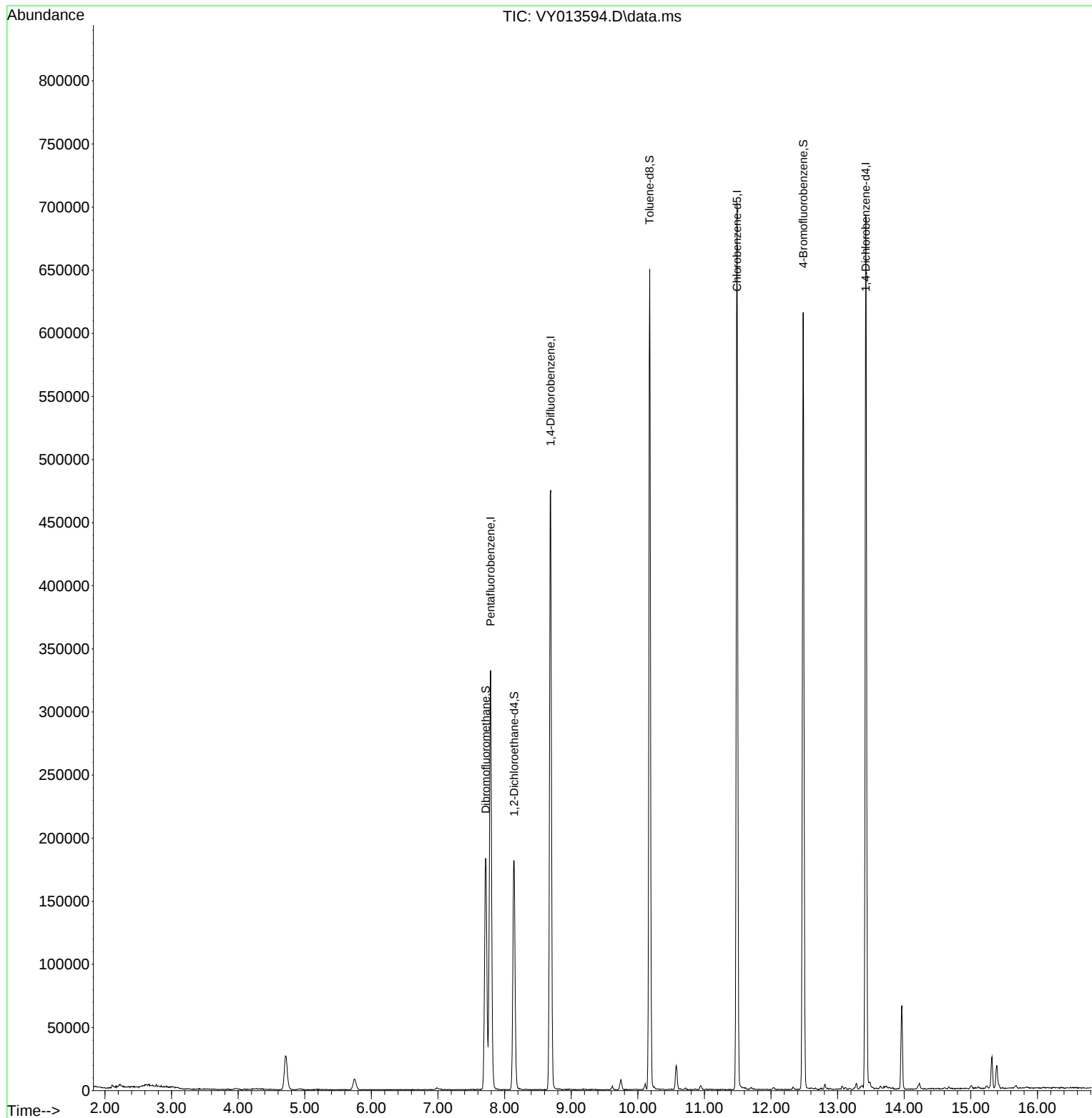
Target Compounds	Qvalue

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

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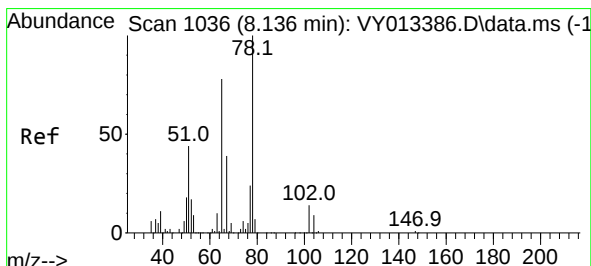
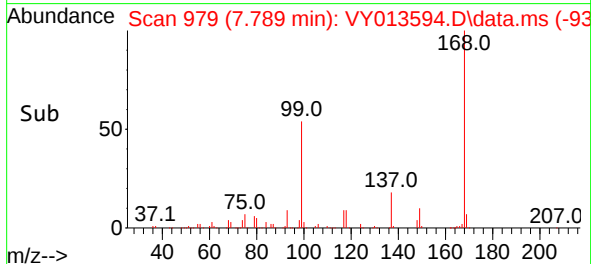
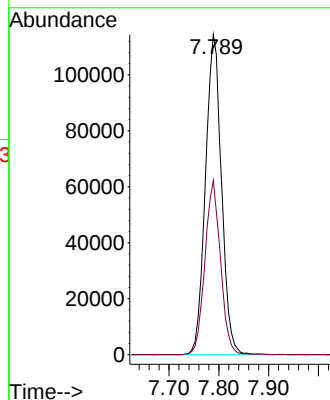
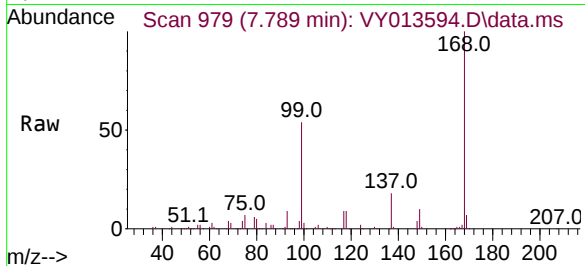




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013594.D
Acq: 04 May 2023 12:56

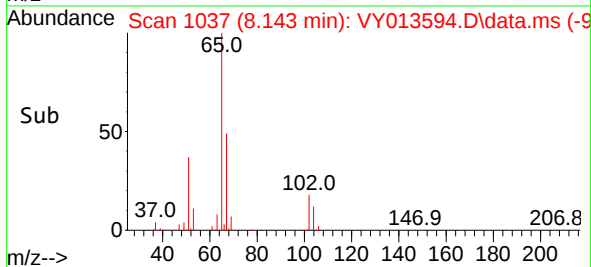
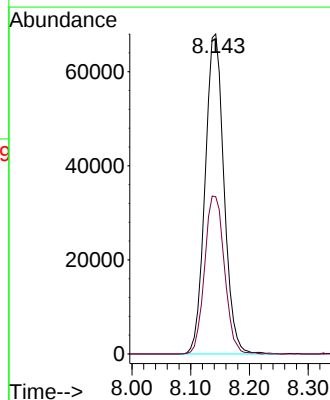
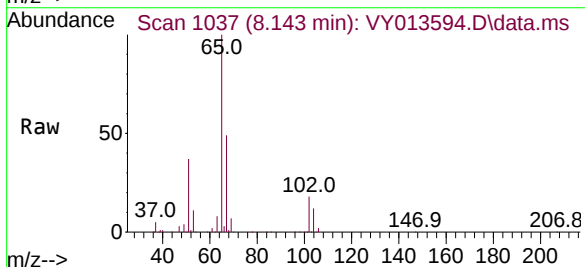
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

Tgt Ion:168 Resp: 255159
Ion Ratio Lower Upper
168 100
99 54.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 54.308 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013594.D
Acq: 04 May 2023 12:56

Tgt Ion: 65 Resp: 151906
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

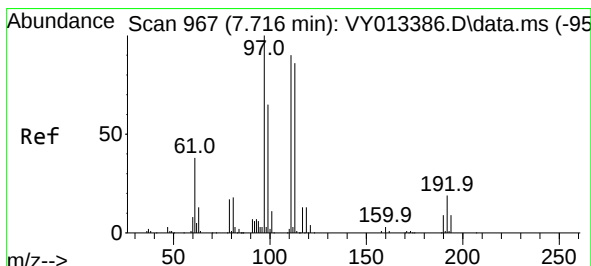
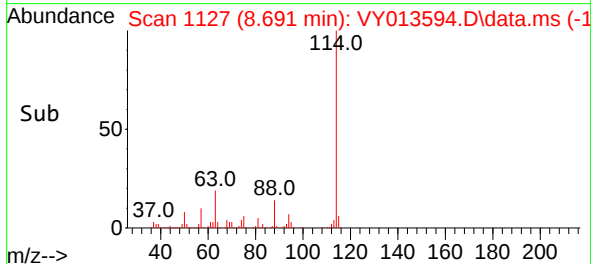
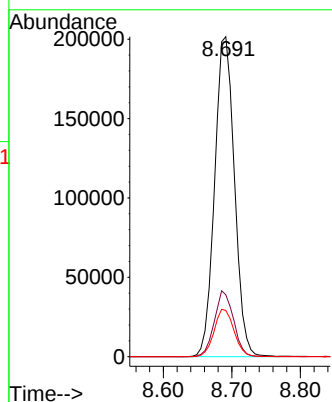
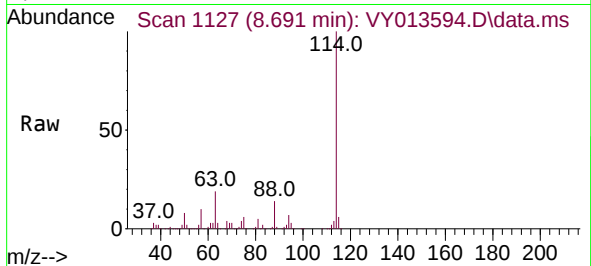




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013594.D
Acq: 04 May 2023 12:56

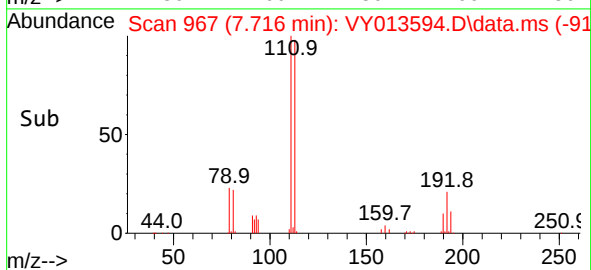
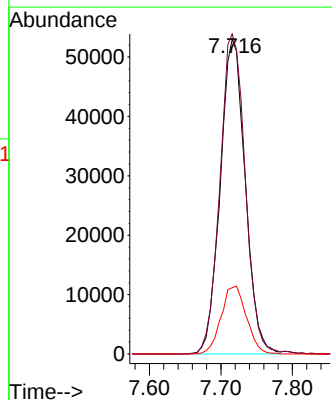
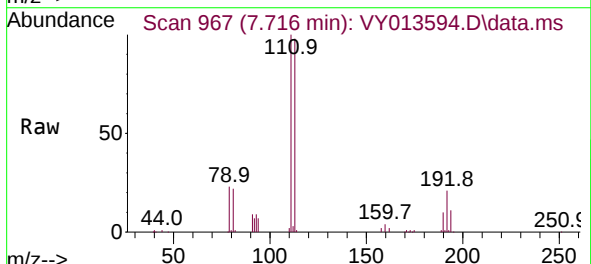
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

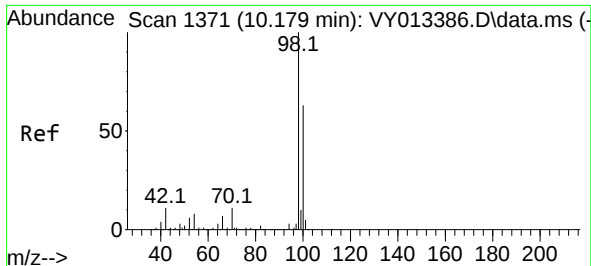
Tgt Ion:114 Resp: 404185
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.6
88 14.5 0.0 28.8



#35
Dibromofluoromethane
Concen: 50.532 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013594.D
Acq: 04 May 2023 12:56

Tgt Ion:113 Resp: 128460
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.8 16.7 25.1

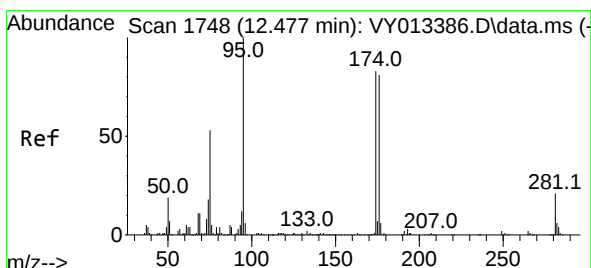
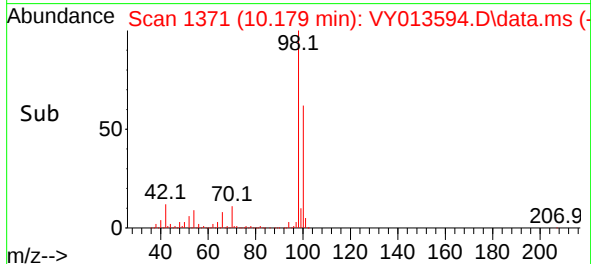
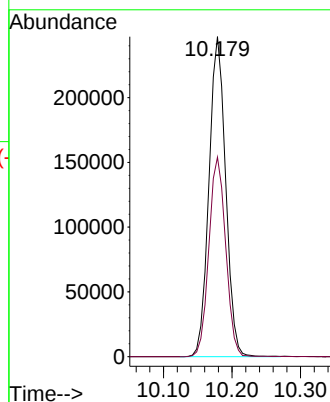
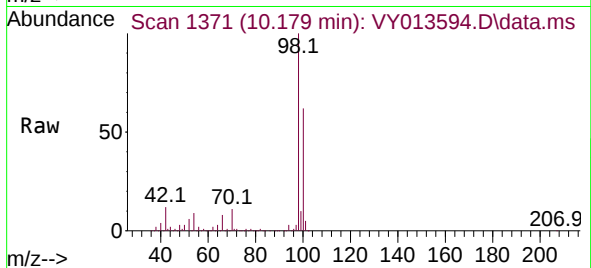




#50
Toluene-d8
Concen: 46.299 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013594.D
Acq: 04 May 2023 12:56

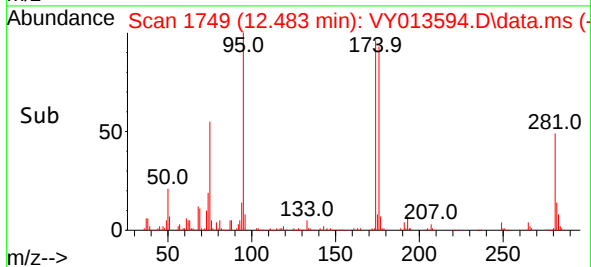
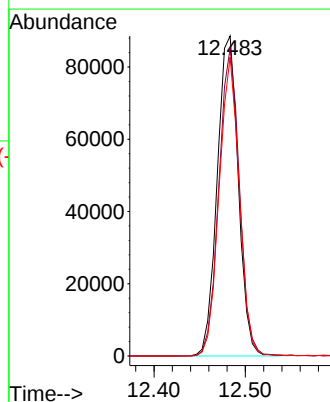
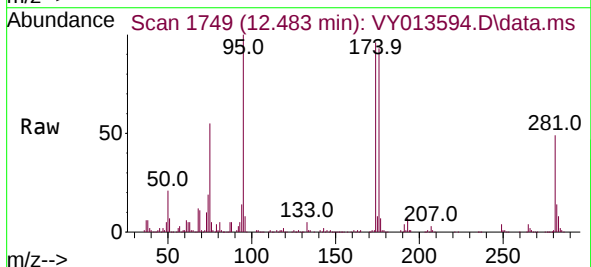
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

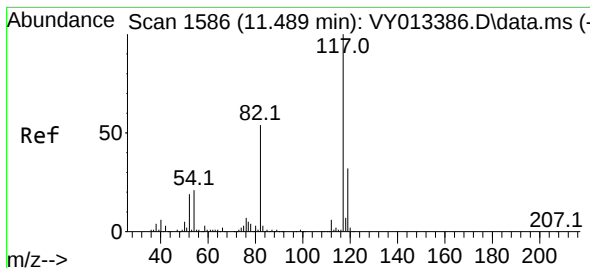
Tgt Ion: 98 Resp: 418704
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013594.D
Acq: 04 May 2023 12:56

Tgt Ion: 95 Resp: 142103
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.0
176 89.2 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: VY013594.D

Acq: 04 May 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBL01

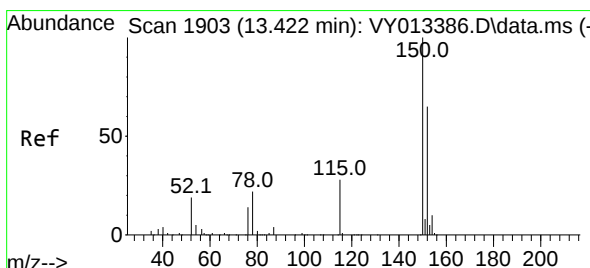
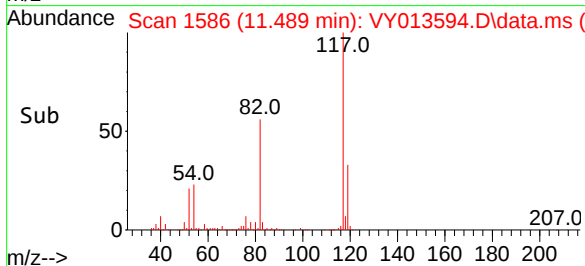
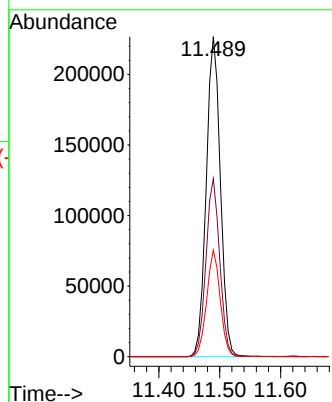
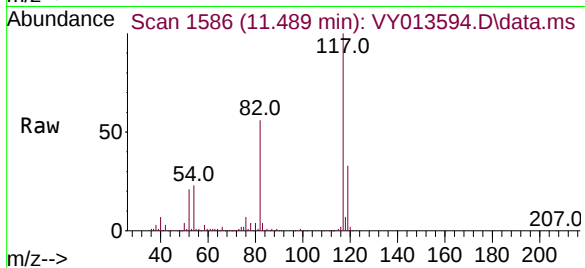
Tgt Ion:117 Resp: 365713

Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.6

119 33.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013594.D

Acq: 04 May 2023 12:56

Tgt Ion:152 Resp: 176412

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 156.0 0.0 352.0

