

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014207.D
 Acq On : 16 Jun 2023 16:47
 Operator : KP/MD
 Sample : 03282-09
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NEX-002-G

Quant Time: Jun 16 23:23:01 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	271019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	494956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	544408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	254311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	192278	50.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.900%
35) Dibromofluoromethane	7.716	113	158309	45.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.200%
50) Toluene-d8	10.179	98	639545	48.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.477	95	258456	55.443	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.880%

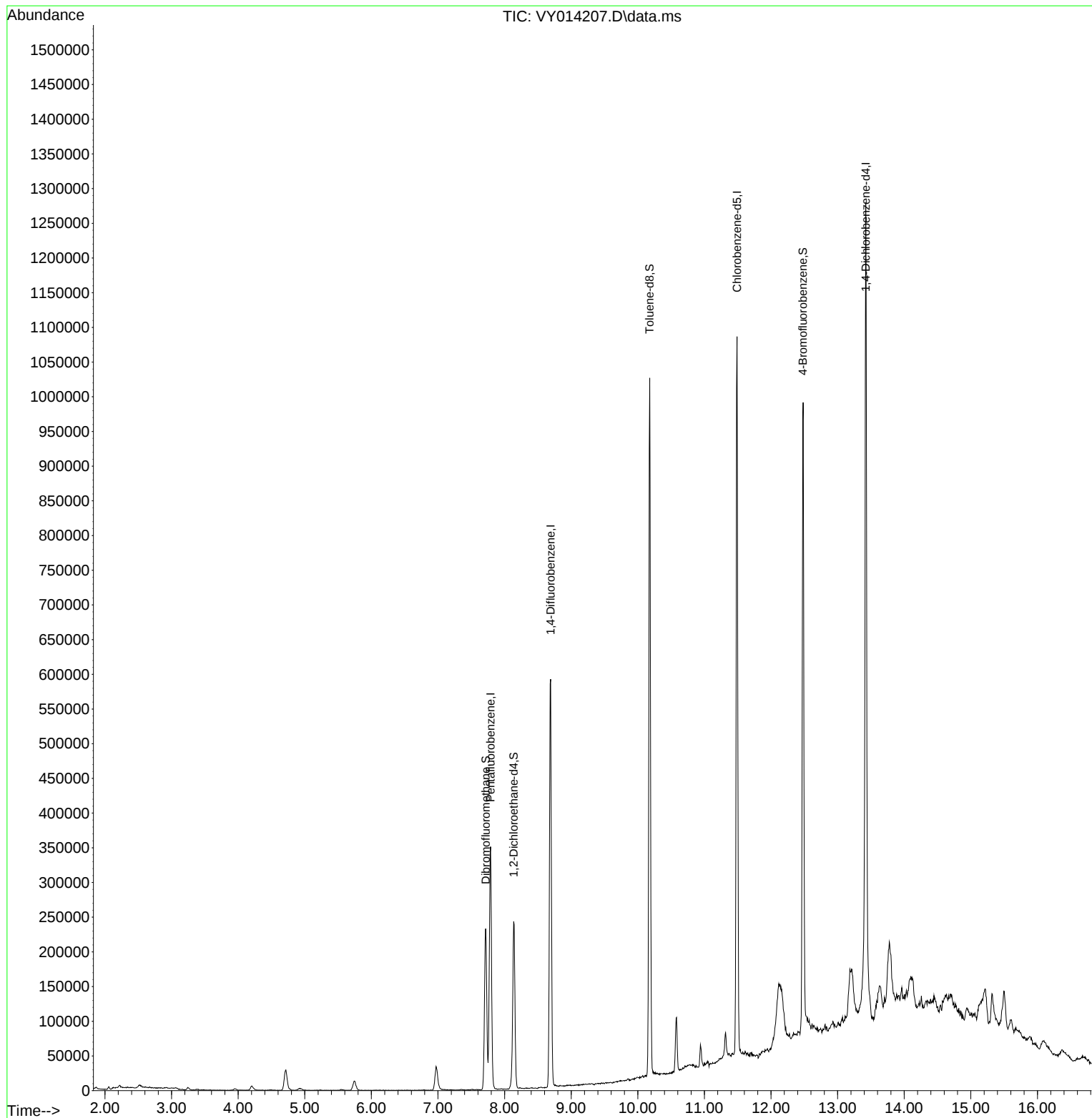
Target Compounds	Qvalue

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

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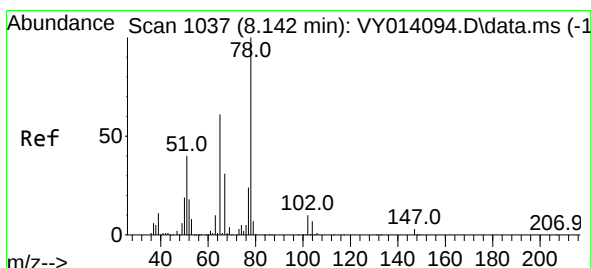
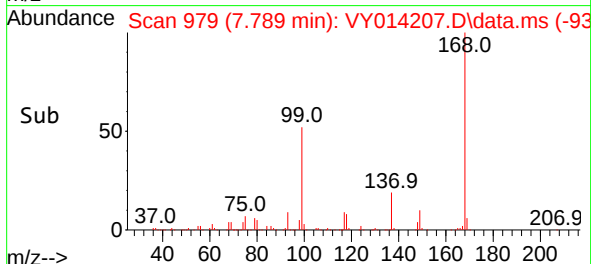
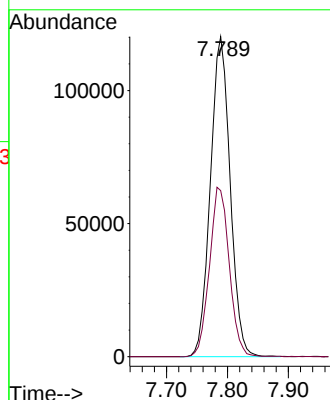
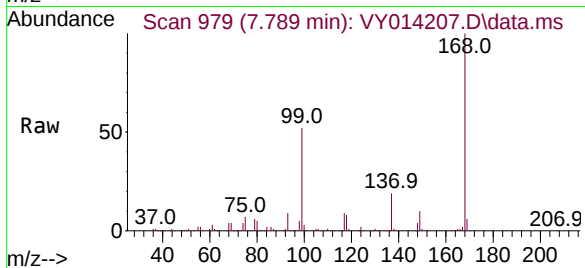




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

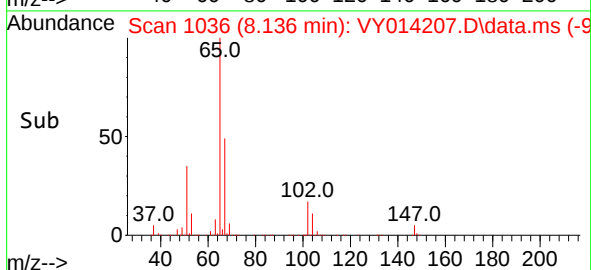
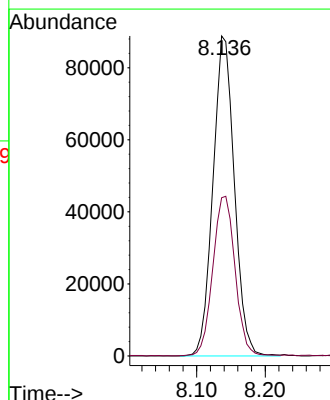
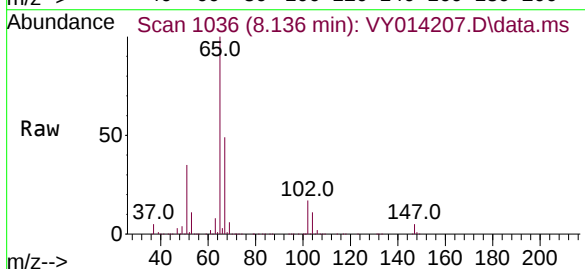
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-002-G

Tgt Ion:168 Resp: 271019
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.948 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Tgt Ion: 65 Resp: 192278
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

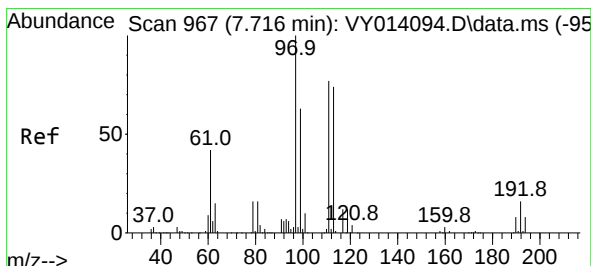
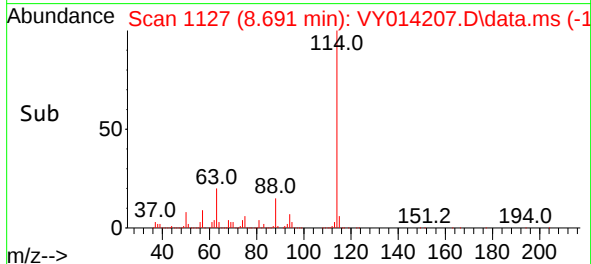
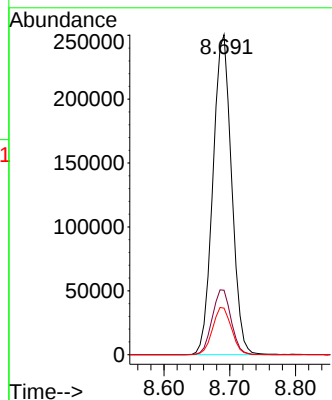
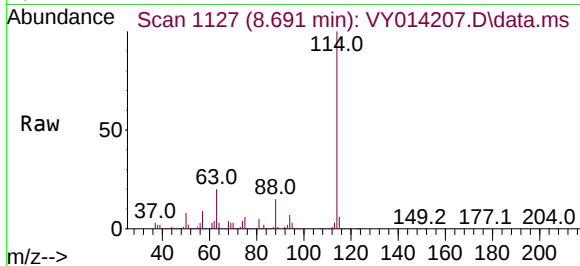




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

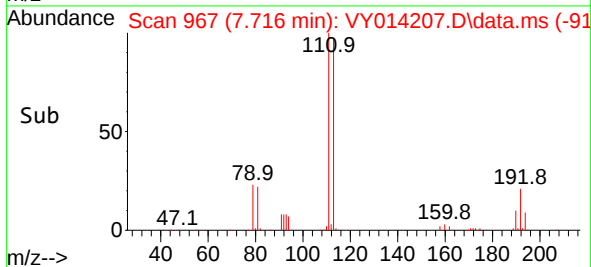
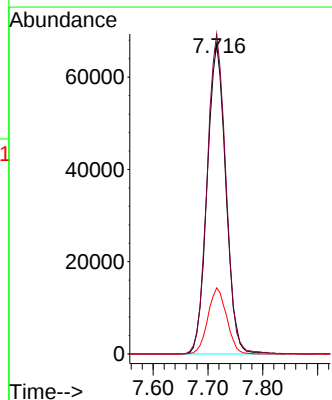
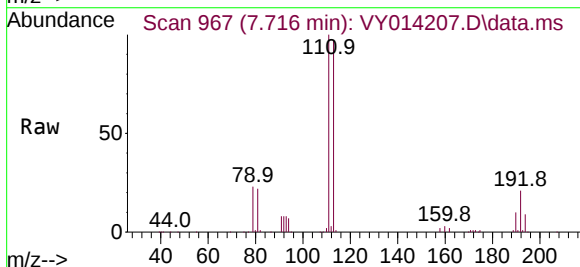
Instrument :
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WC-NEX-002-G

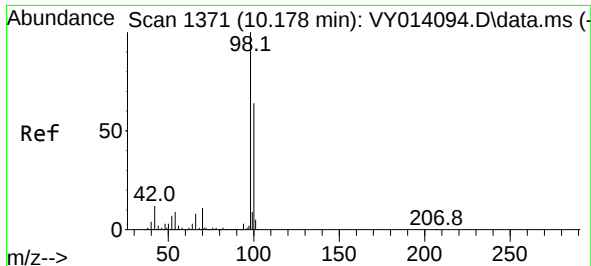
Tgt Ion:	114	Resp:	494956
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 45.101 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Tgt Ion:	113	Resp:	158309
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.3	121.9
192	21.5	16.9	25.3

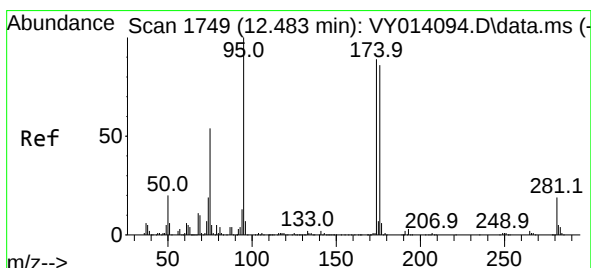
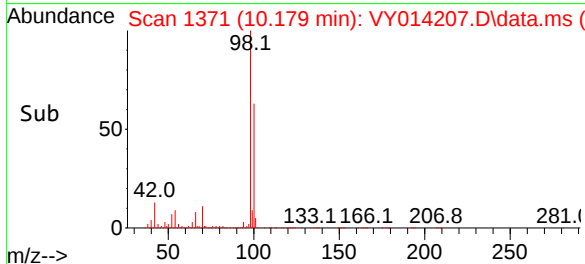
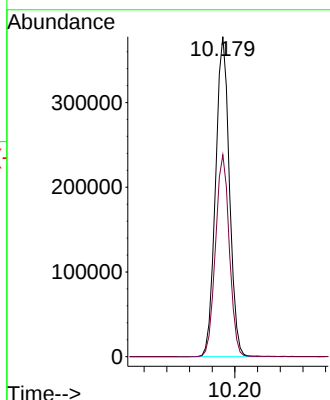
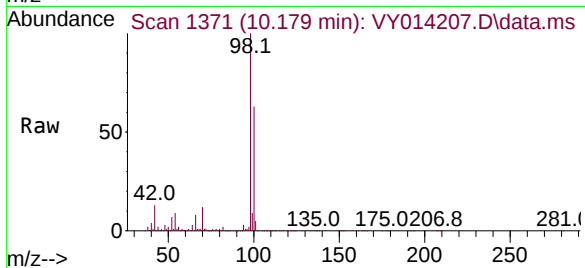




#50
Toluene-d8
Concen: 48.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

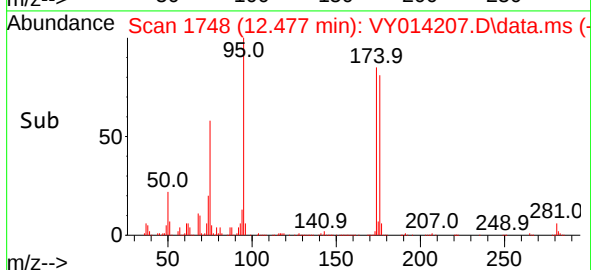
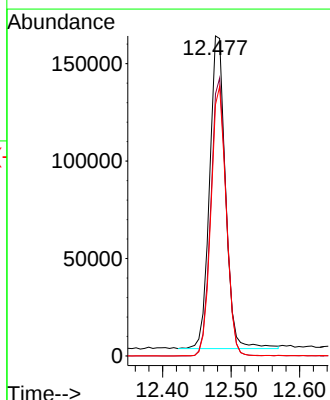
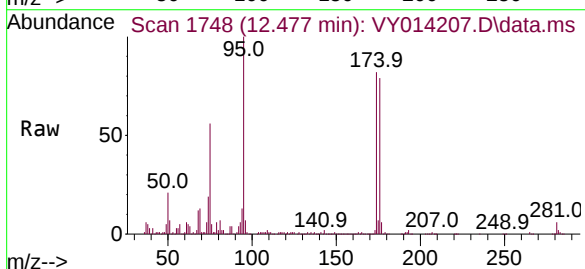
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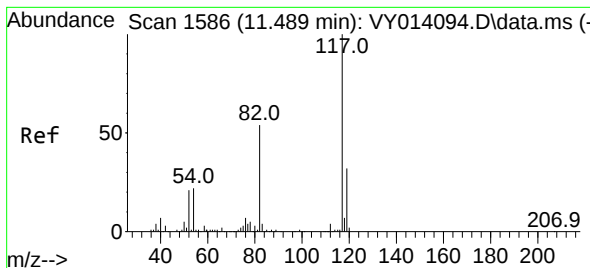
Tgt Ion: 98 Resp: 639545
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.443 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Tgt Ion: 95 Resp: 258456
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014207.D

Acq: 16 Jun 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-NEX-002-G

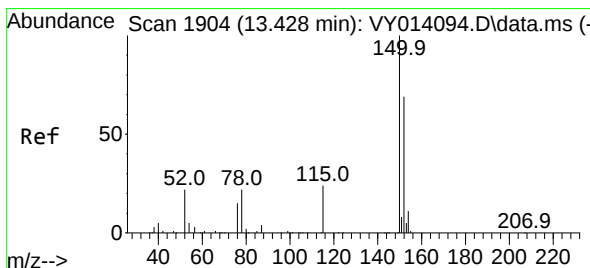
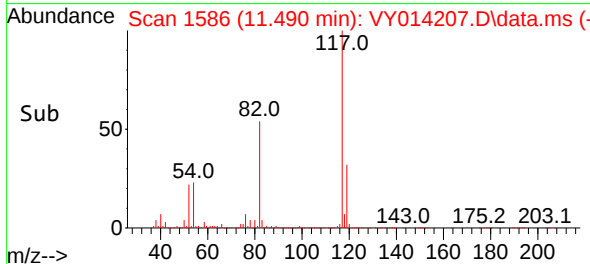
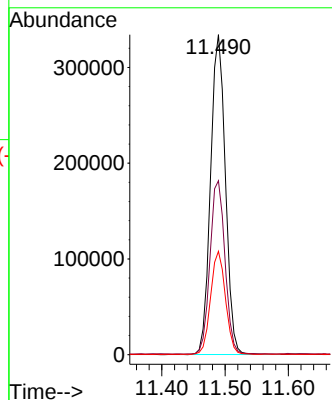
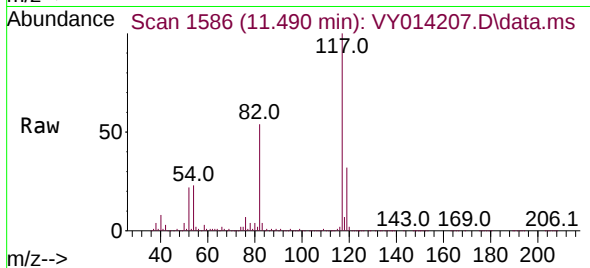
Tgt Ion:117 Resp: 544408

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014207.D

Acq: 16 Jun 2023 16:47

Tgt Ion:152 Resp: 254311

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 155.9 0.0 348.8

