

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013491.D
 Acq On : 27 Apr 2023 14:56
 Operator : KP/MD
 Sample : 02483-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP1

Quant Time: Apr 27 16:14:10 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	51325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	79440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	70595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33436	59.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.860%
35) Dibromofluoromethane	7.716	113	29576	59.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.380%
50) Toluene-d8	10.179	98	93947	52.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.720%
62) 4-Bromofluorobenzene	12.477	95	27279	45.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.040%

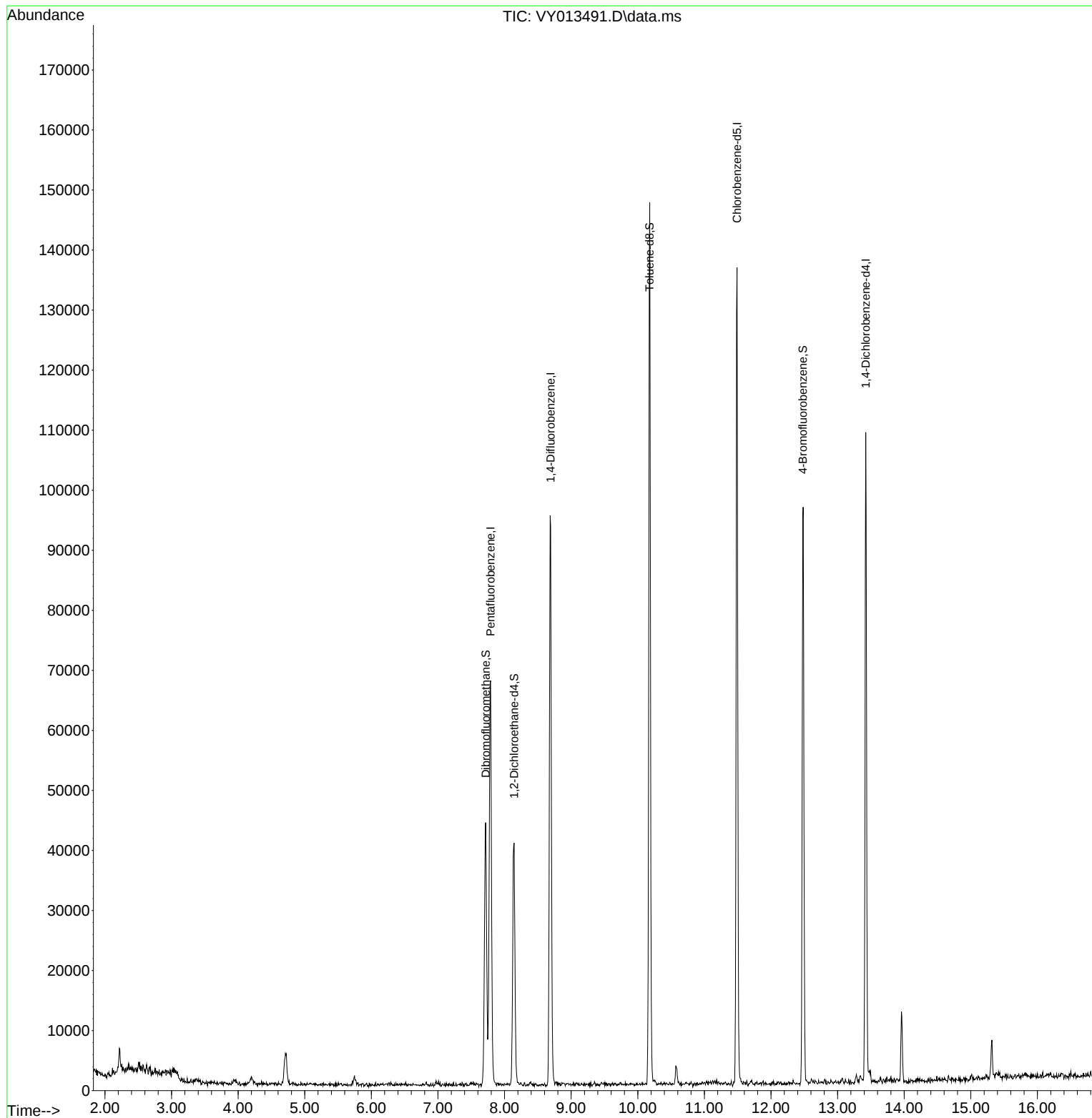
Target Compounds	Qvalue

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

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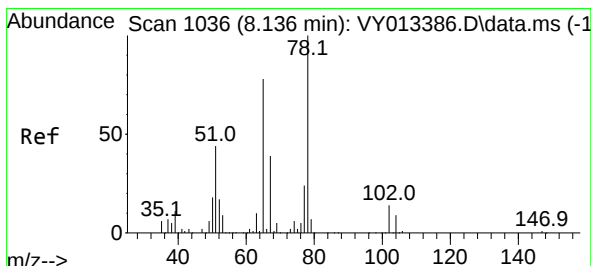
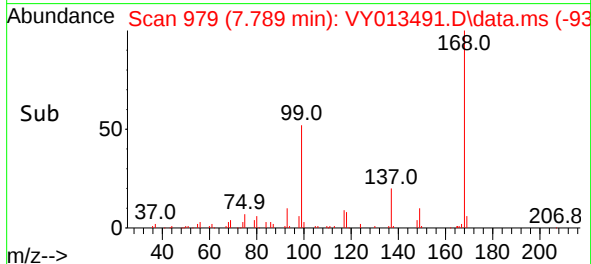
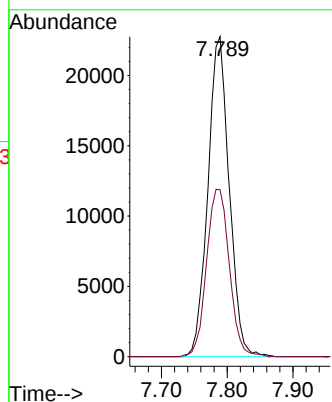
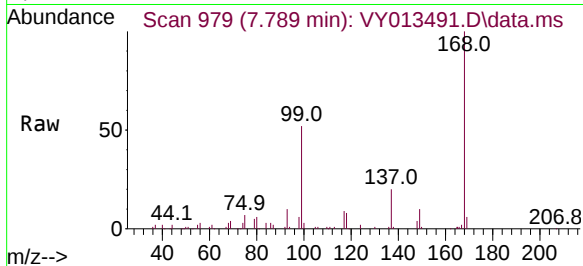




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

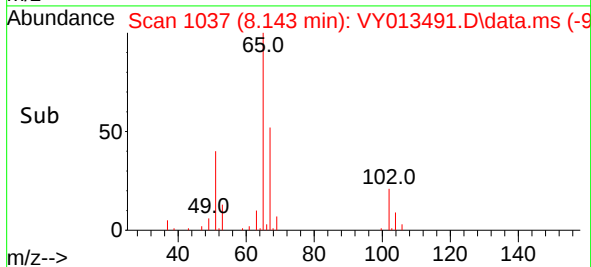
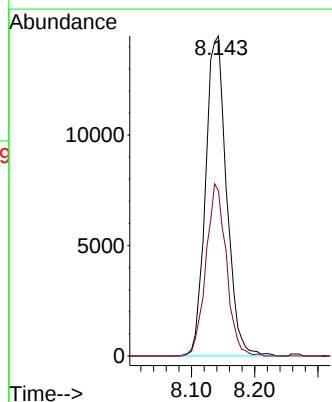
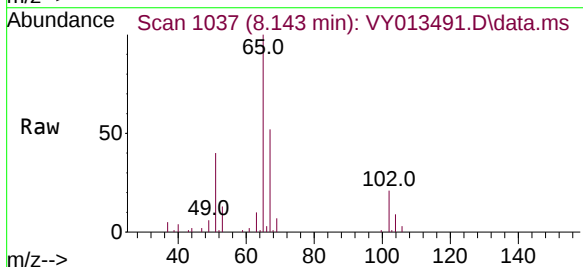
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

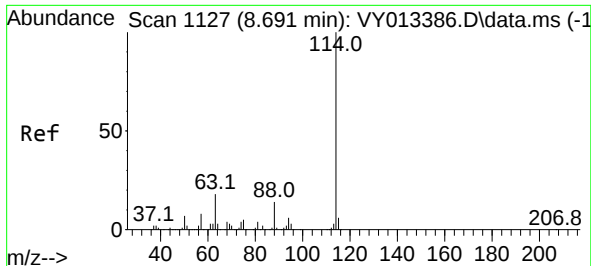
Tgt Ion:168 Resp: 51325
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 59.427 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion: 65 Resp: 33436
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

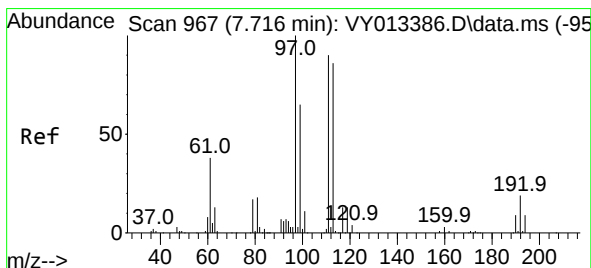
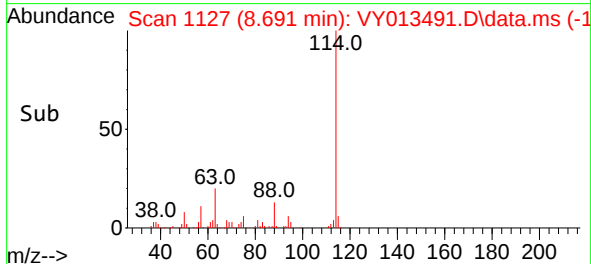
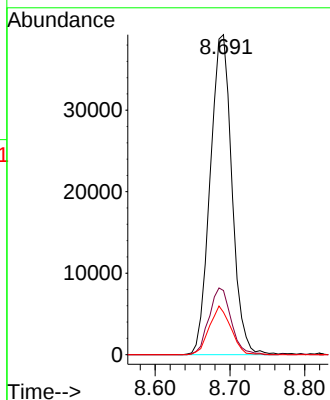
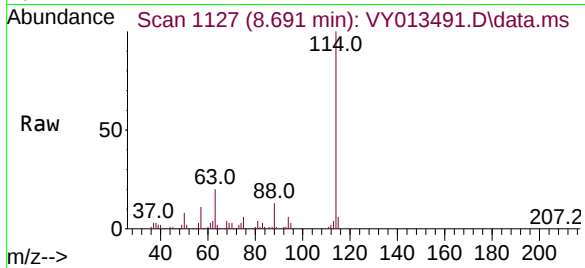




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

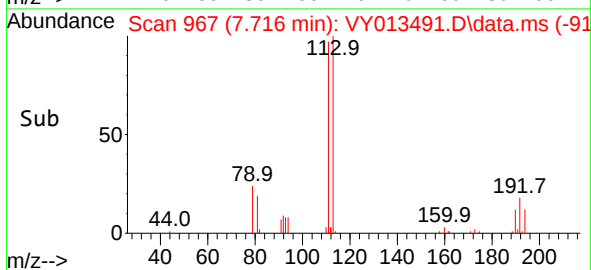
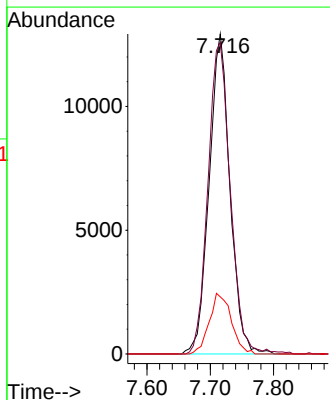
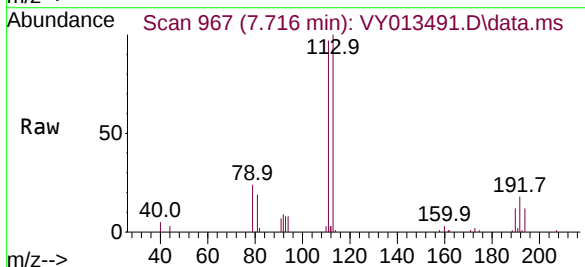
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

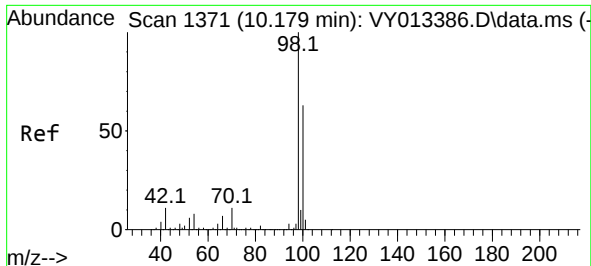
Tgt Ion:	114	Resp:	79440
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	36.6
88	13.2	0.0	28.8



#35
Dibromofluoromethane
Concen: 59.194 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion:	113	Resp:	29576
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.2	123.2
192	20.0	16.7	25.1

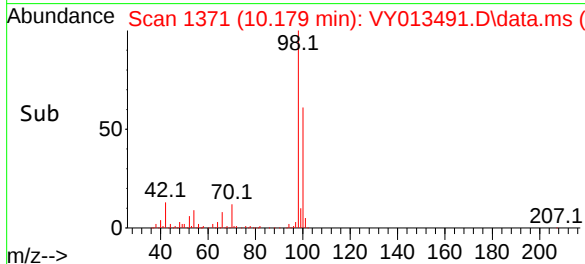
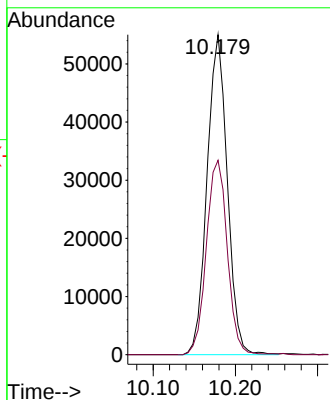
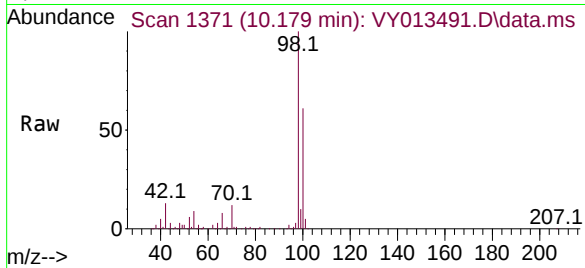




#50
Toluene-d8
Concen: 52.856 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

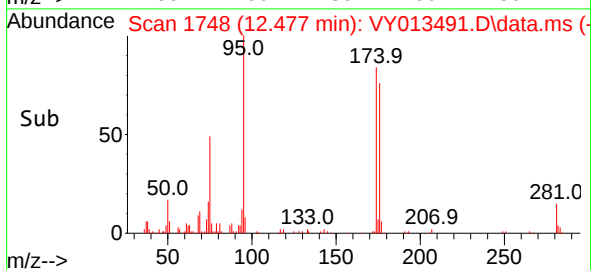
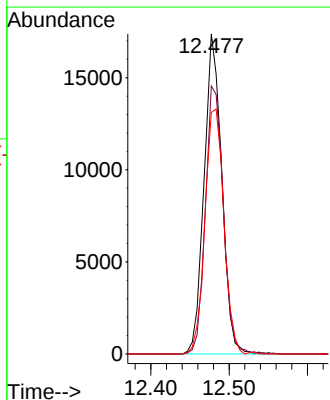
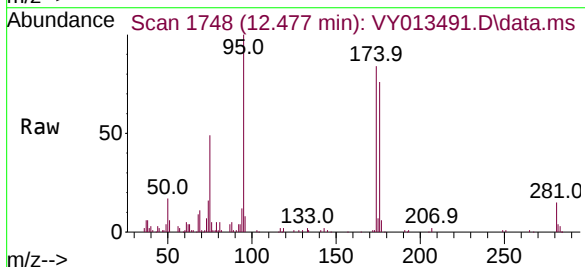
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

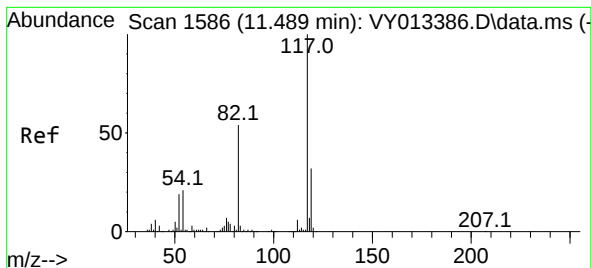
Tgt Ion: 98 Resp: 93947
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.525 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion: 95 Resp: 27279
Ion Ratio Lower Upper
95 100
174 84.4 0.0 182.0
176 81.7 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013491.D

Acq: 27 Apr 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP1

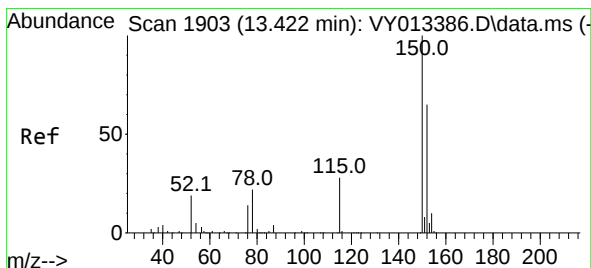
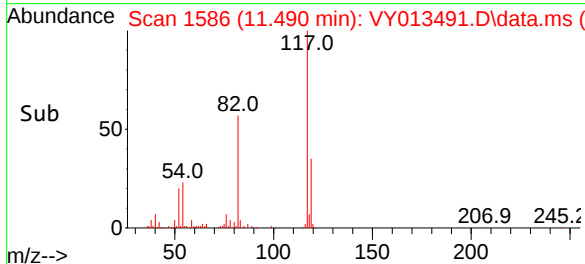
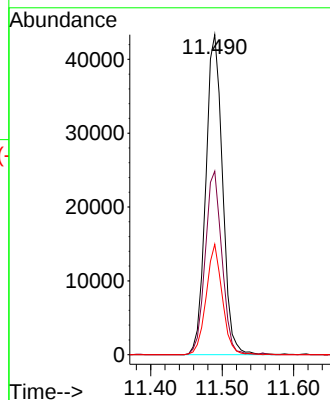
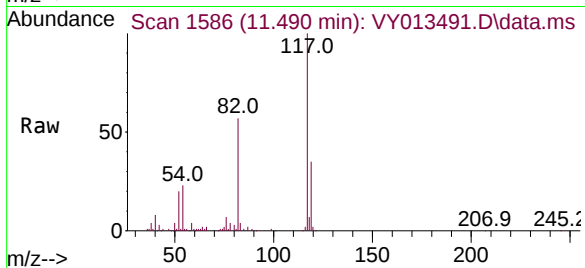
Tgt Ion:117 Resp: 70595

Ion Ratio Lower Upper

117 100

82 57.3 43.0 64.6

119 34.5 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: VY013491.D

Acq: 27 Apr 2023 14:56

Tgt Ion:152 Resp: 27893

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 151.8 0.0 352.0

