

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011621.D
 Acq On : 29 Nov 2022 14:47
 Operator : KP/MD
 Sample : N5789-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TFI-359

Quant Time: Nov 30 04:43:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	3214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3929	120.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	240.780%#
35) Dibromofluoromethane	7.716	113	1539	38.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.780%
50) Toluene-d8	10.185	98	7930	54.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.483	95	2723	50.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.100%

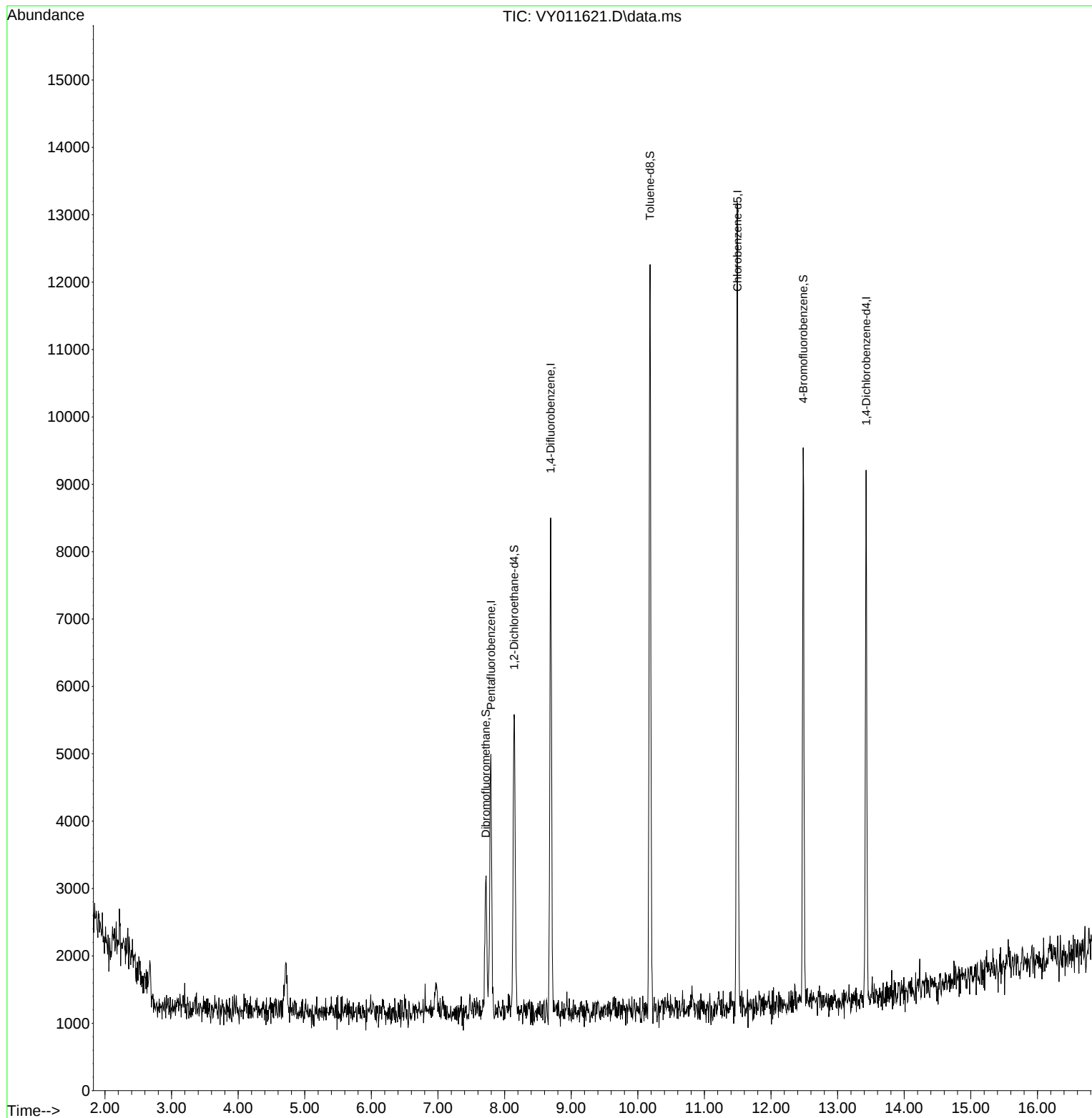
Target Compounds	Qvalue

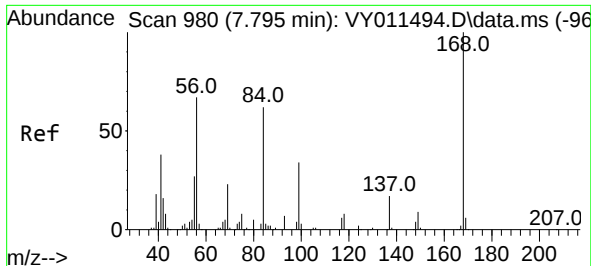
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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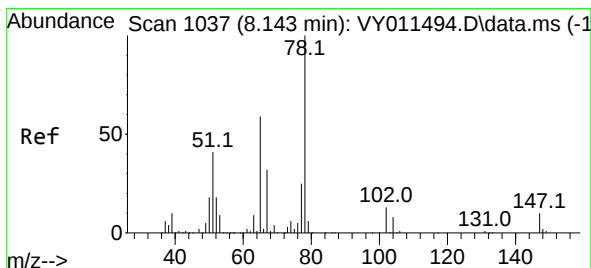
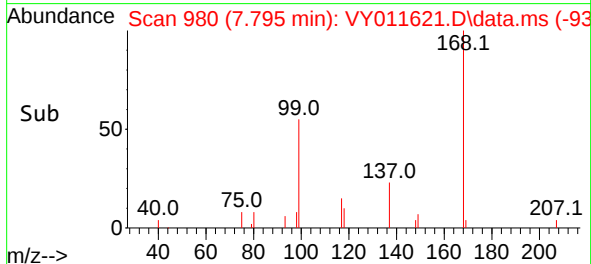
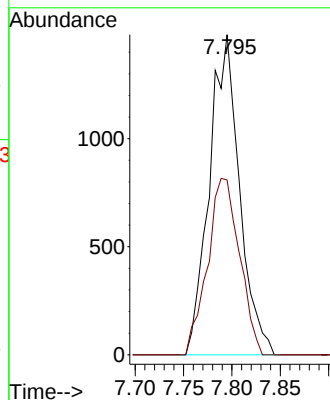
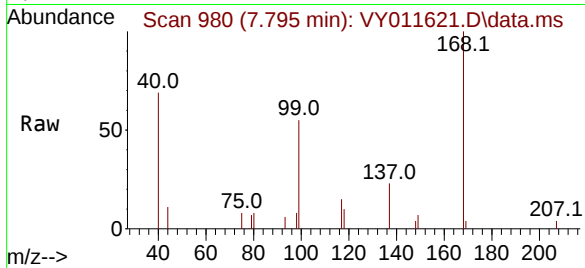




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY011621.D
Acq: 29 Nov 2022 14:47

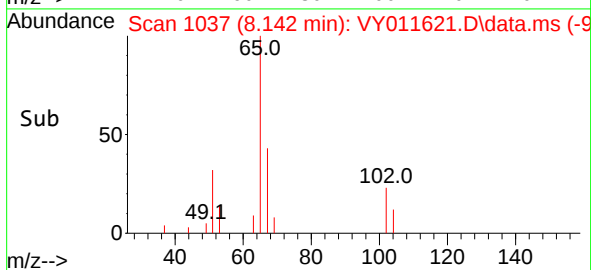
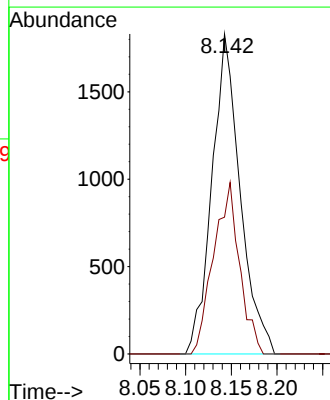
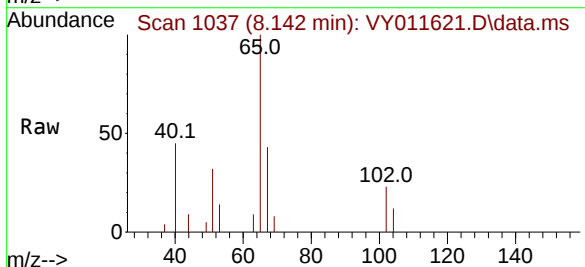
Instrument :
MSVOA_Y
ClientSampleId :
TFI-359

Tgt Ion:168 Resp: 3214
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 120.393 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011621.D
Acq: 29 Nov 2022 14:47

Tgt Ion: 65 Resp: 3929
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

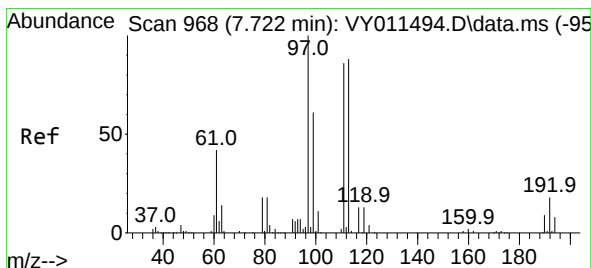
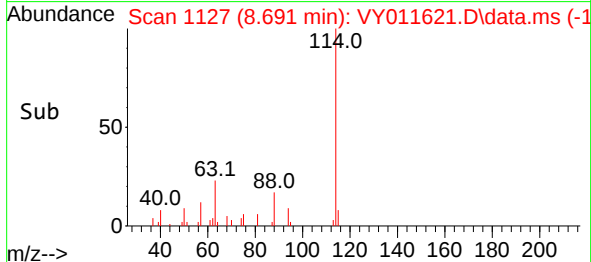
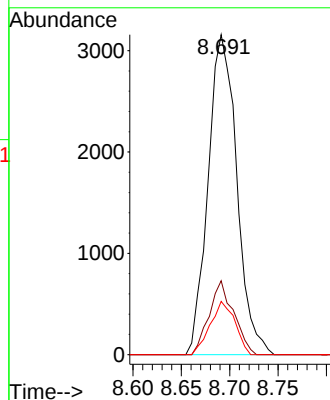
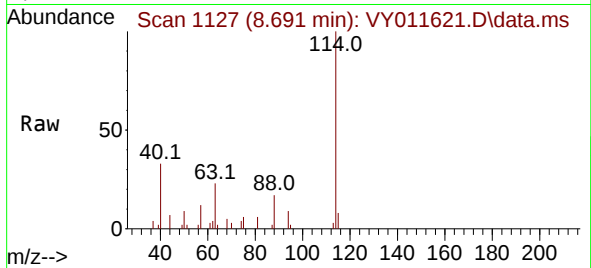




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011621.D
Acq: 29 Nov 2022 14:47

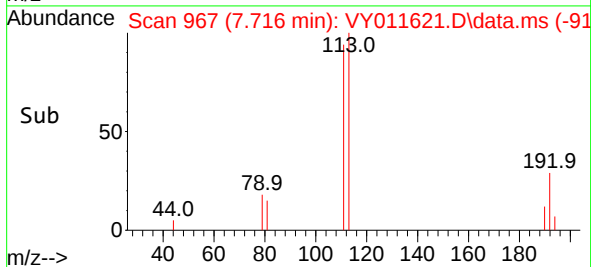
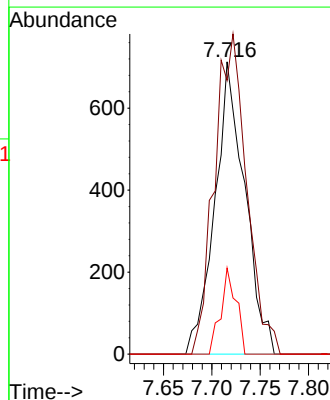
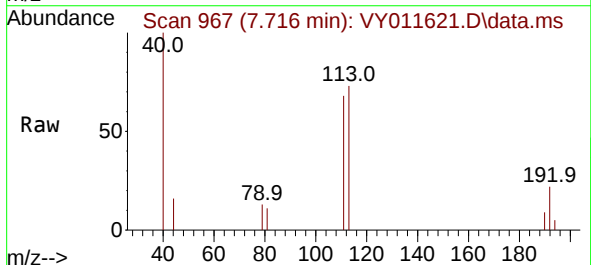
Instrument :
MSVOA_Y
ClientSampleId :
TFI-359

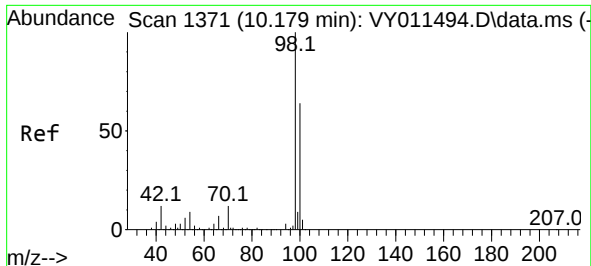
Tgt Ion:114	Resp:	6513
Ion	Ratio	Lower Upper
114	100	
63	23.1	0.0 43.2
88	16.6	0.0 31.8



#35
Dibromofluoromethane
Concen: 38.385 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011621.D
Acq: 29 Nov 2022 14:47

Tgt Ion:113	Resp:	1539
Ion	Ratio	Lower Upper
113	100	
111	117.5	82.6 124.0
192	15.1	17.6 26.4

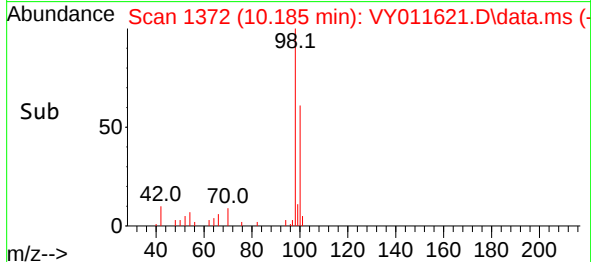
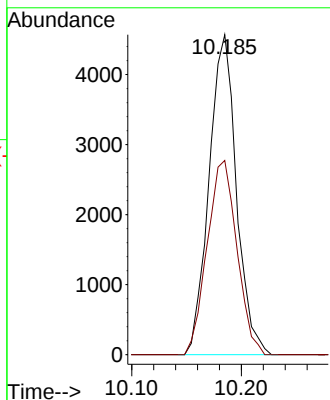
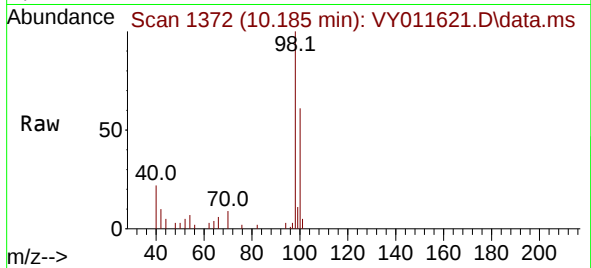




#50
Toluene-d8
Concen: 54.428 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011621.D
Acq: 29 Nov 2022 14:47

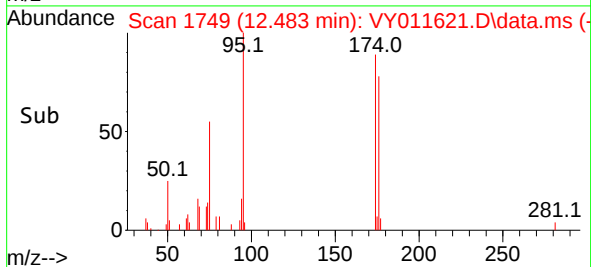
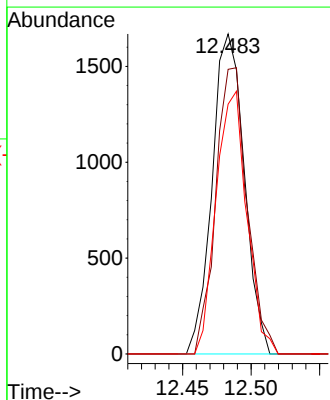
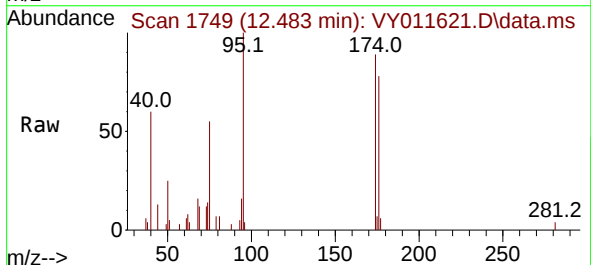
Instrument :
MSVOA_Y
ClientSampleId :
TFI-359

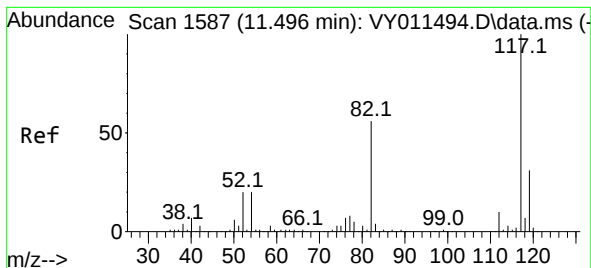
Tgt Ion: 98 Resp: 7930
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011621.D
Acq: 29 Nov 2022 14:47

Tgt Ion: 95 Resp: 2723
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 78.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011621.D

Acq: 29 Nov 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

TFI-359

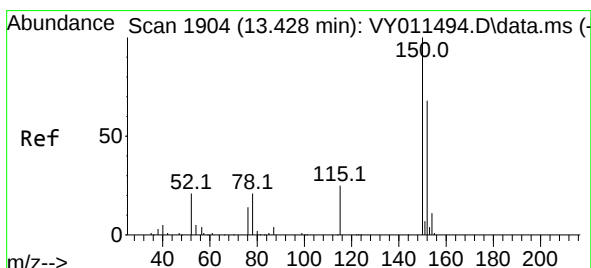
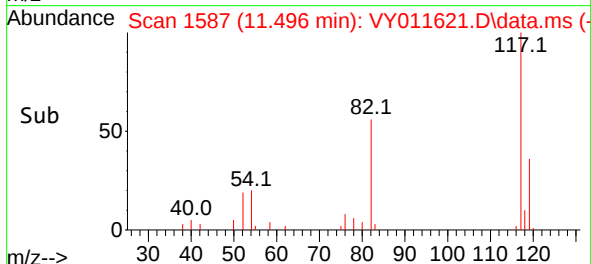
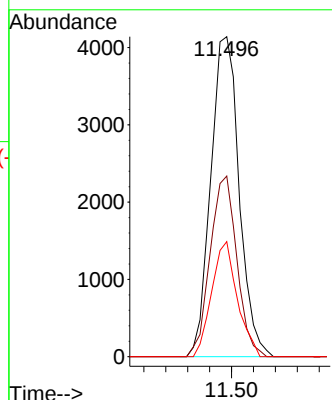
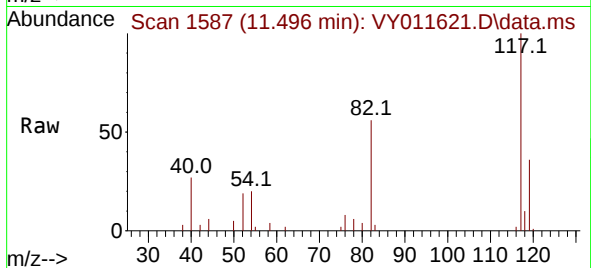
Tgt Ion:117 Resp: 7447

Ion Ratio Lower Upper

117 100

82 56.5 43.0 64.4

119 35.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011621.D

Acq: 29 Nov 2022 14:47

Tgt Ion:152 Resp: 2145

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 156.4 0.0 347.6

