

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011124.D
 Acq On : 26 Oct 2022 18:13
 Operator : KP/MD
 Sample : N5281-13
 Misc : 2.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12

Quant Time: Oct 27 04:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	338708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	606939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	547485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	247598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128516	41.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.380%
35) Dibromofluoromethane	7.710	113	138508	40.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.060%
50) Toluene-d8	10.179	98	444433	35.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.140%
62) 4-Bromofluorobenzene	12.477	95	161517	35.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.120%

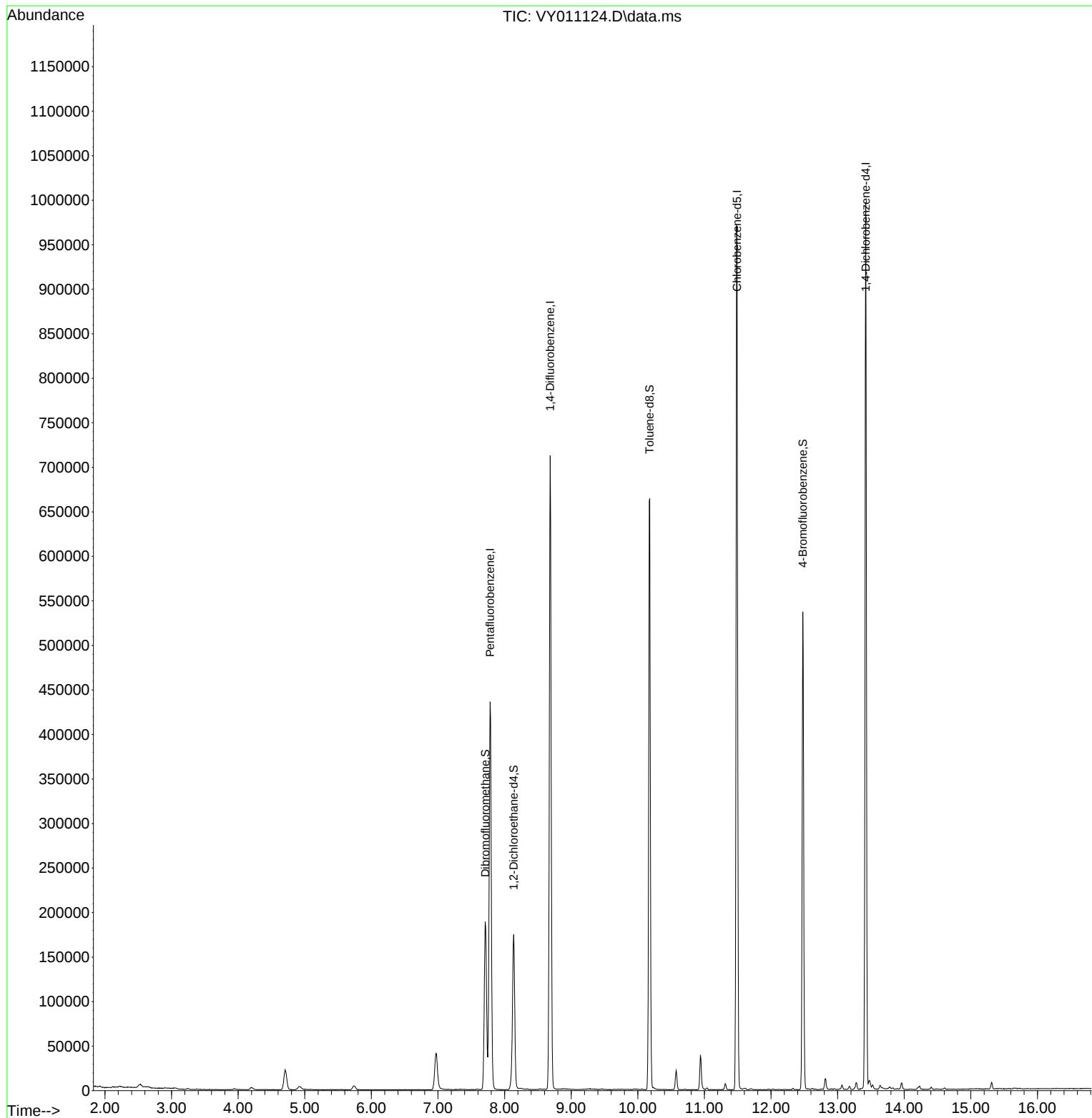
Target Compounds	Qvalue

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

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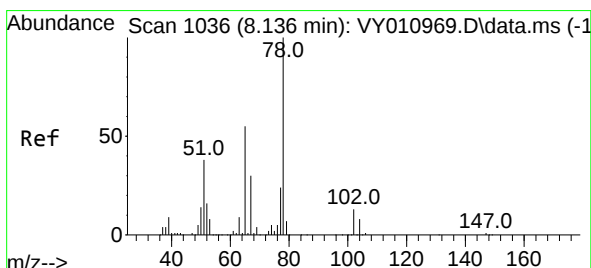
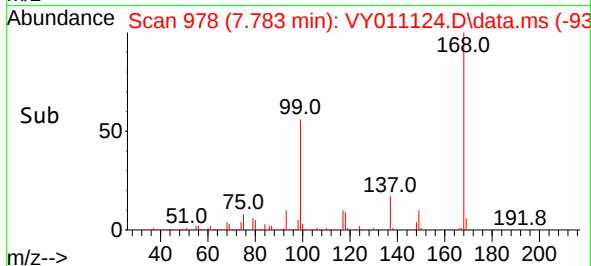
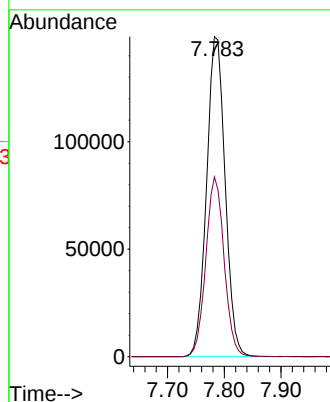
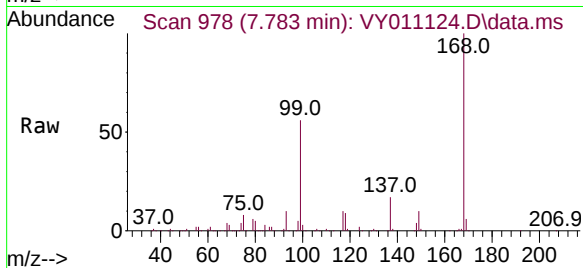




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011124.D
Acq: 26 Oct 2022 18:13

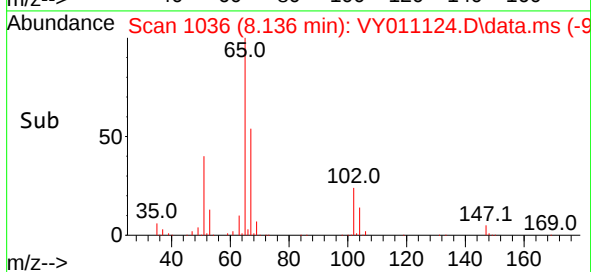
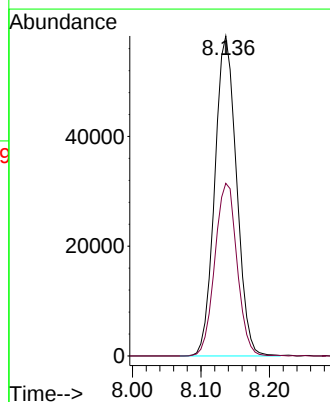
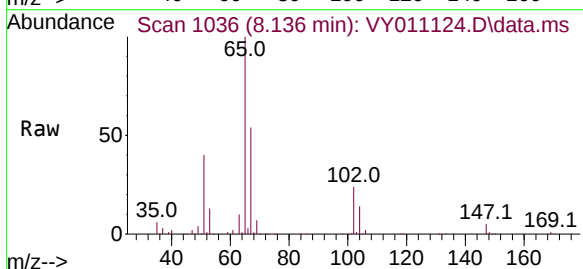
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

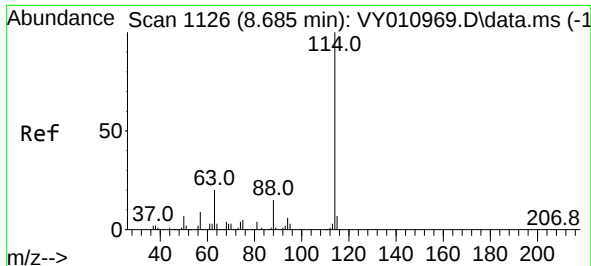
Tgt Ion:168 Resp: 338708
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 41.191 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011124.D
Acq: 26 Oct 2022 18:13

Tgt Ion: 65 Resp: 128516
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4

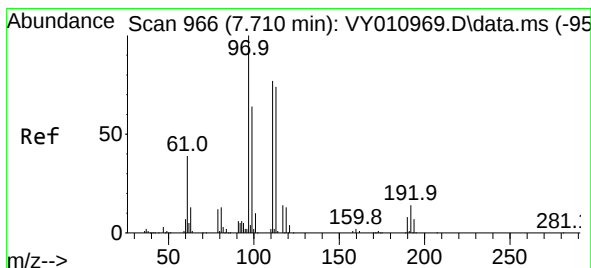
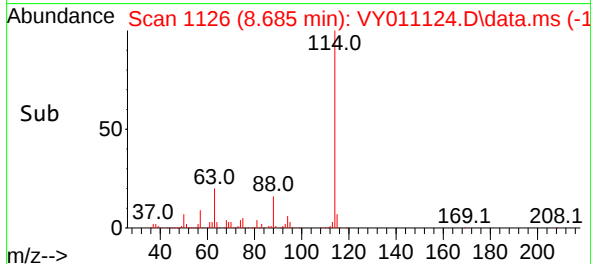
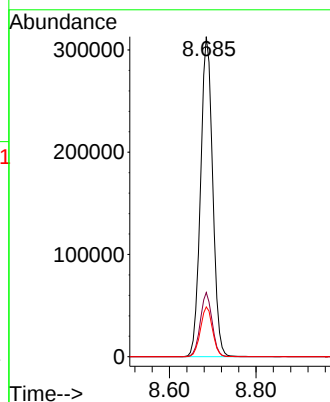
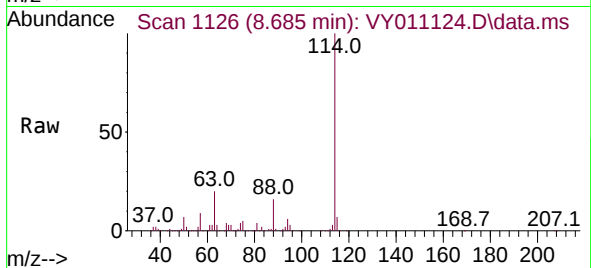




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011124.D
Acq: 26 Oct 2022 18:13

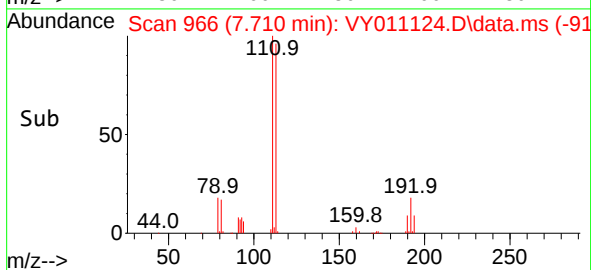
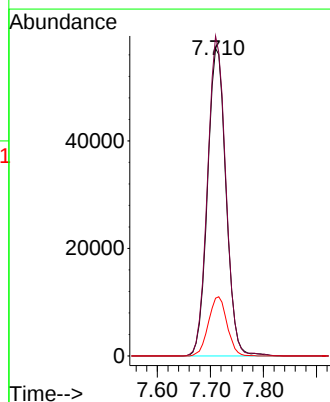
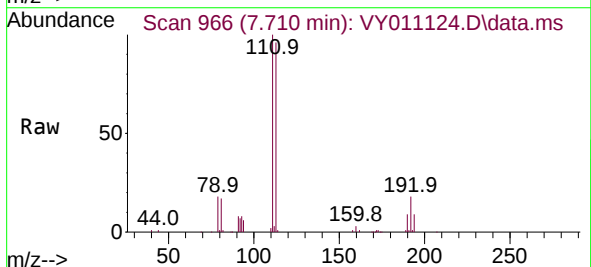
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

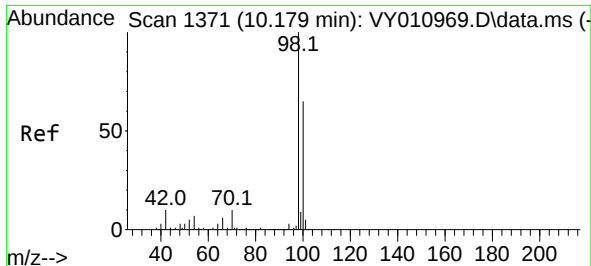
Tgt Ion:114 Resp: 606939
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 40.531 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011124.D
Acq: 26 Oct 2022 18:13

Tgt Ion:113 Resp: 138508
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.3 17.6 26.4

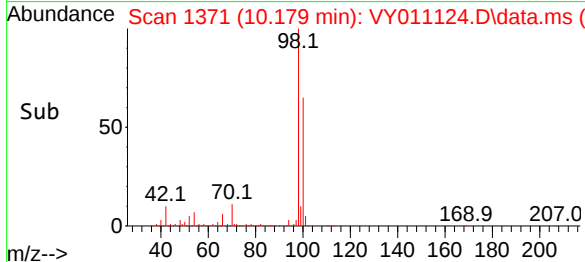
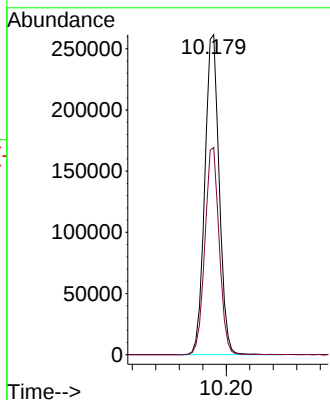
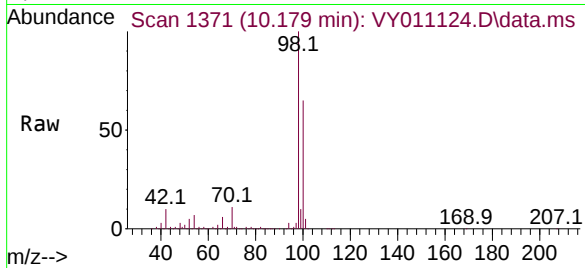




#50
Toluene-d8
Concen: 35.070 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011124.D
Acq: 26 Oct 2022 18:13

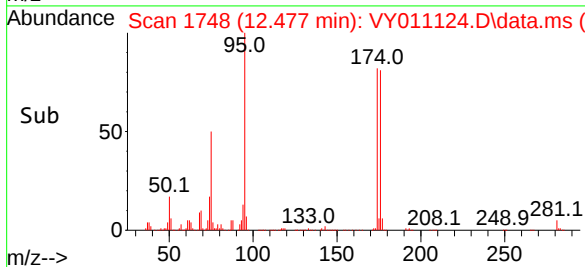
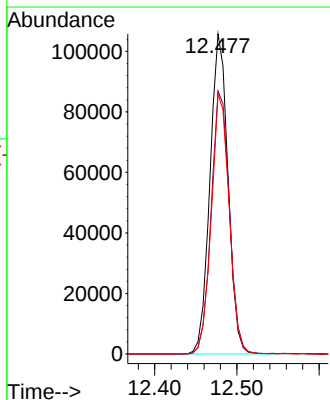
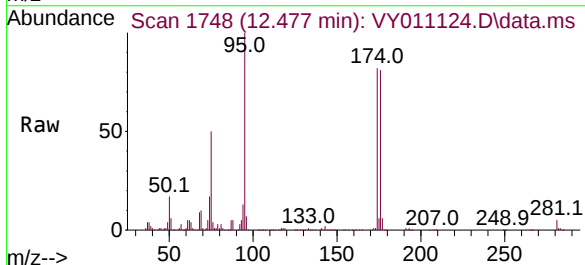
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

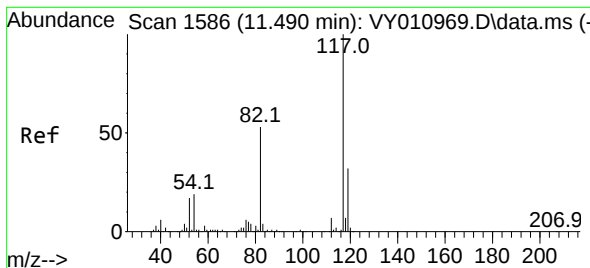
Tgt Ion: 98 Resp: 444433
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.062 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011124.D
Acq: 26 Oct 2022 18:13

Tgt Ion: 95 Resp: 161517
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011124.D

Acq: 26 Oct 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-12

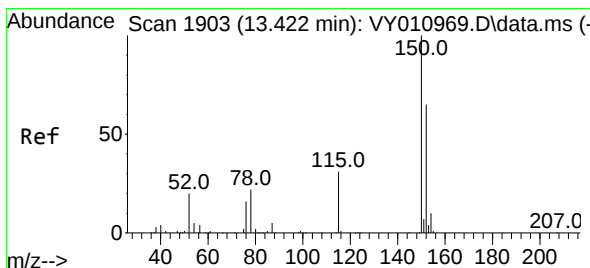
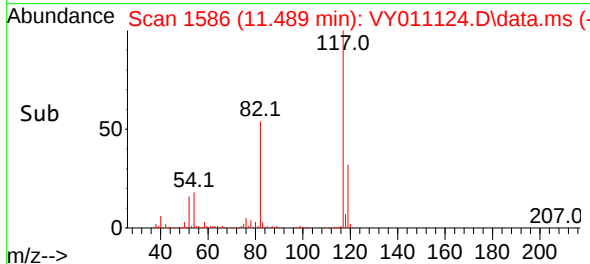
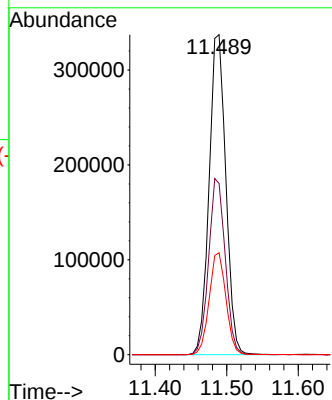
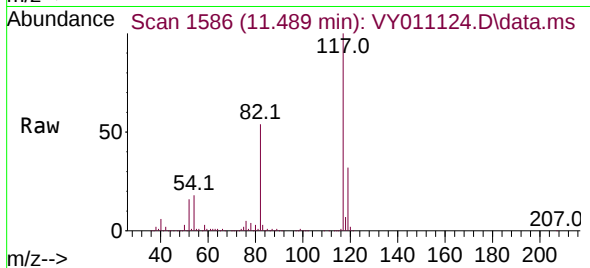
Tgt Ion:117 Resp: 547485

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011124.D

Acq: 26 Oct 2022 18:13

Tgt Ion:152 Resp: 247598

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.5 0.0 347.6

