

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013114.D
 Acq On : 28 Mar 2023 14:14
 Operator : KP/MD
 Sample : 02105-07
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL3-0327

Quant Time: Mar 29 02:28:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	79622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51858	65.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.200%
35) Dibromofluoromethane	7.716	113	47412	57.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.900%
50) Toluene-d8	10.179	98	167035	55.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.720%
62) 4-Bromofluorobenzene	12.483	95	50690	49.777	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.560%

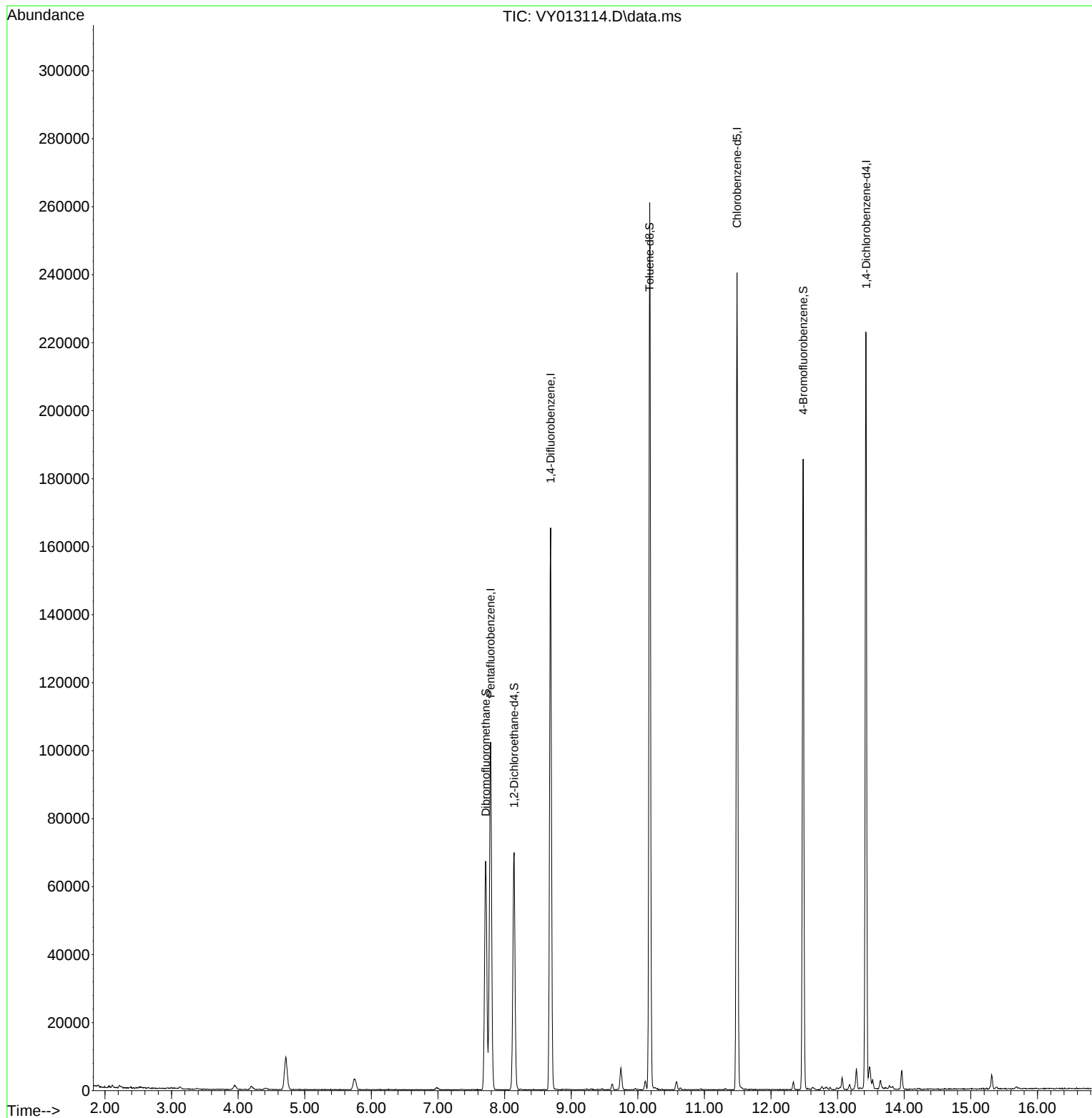
Target Compounds	Qvalue

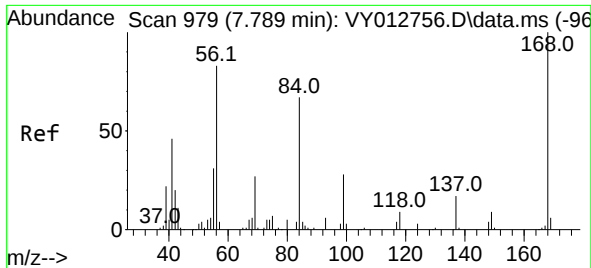
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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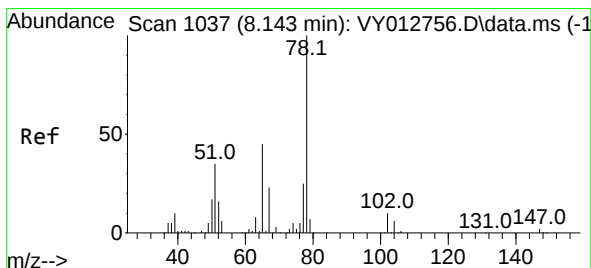
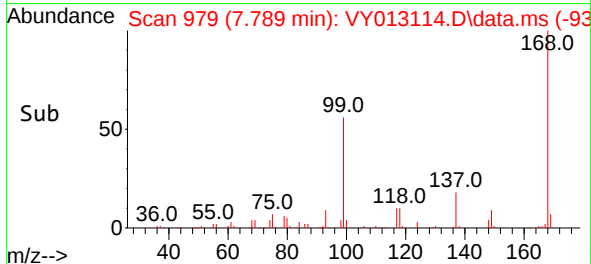
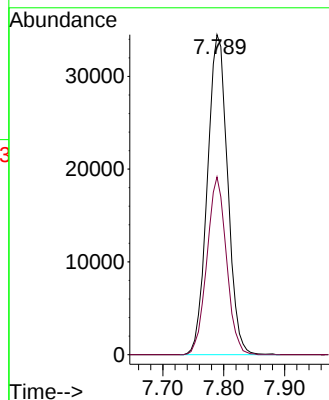
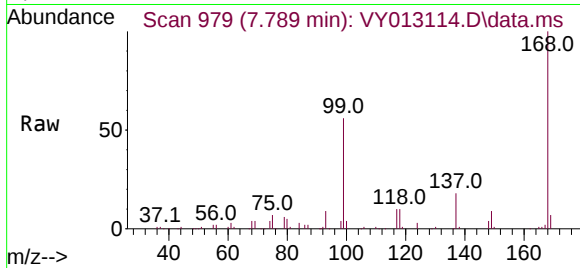




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

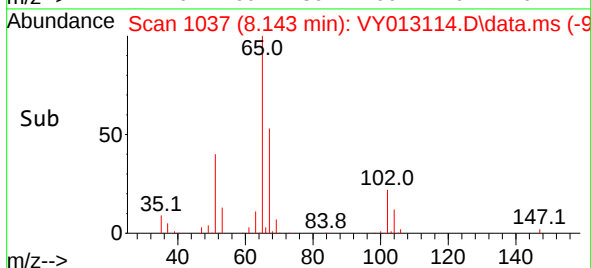
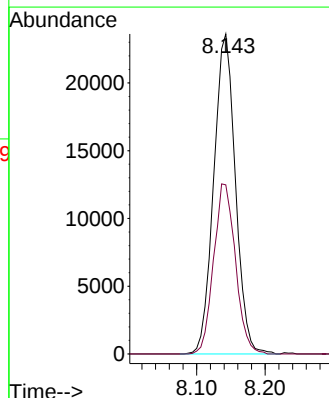
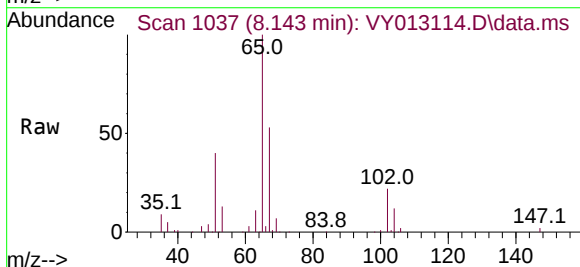
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL3-0327

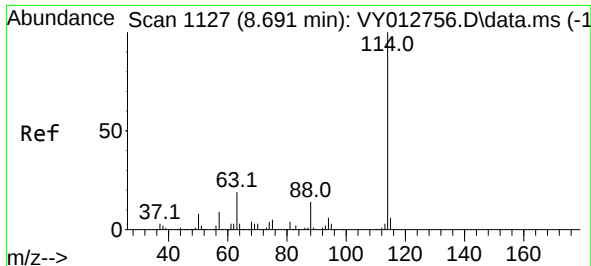
Tgt Ion:168 Resp: 79622
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.598 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

Tgt Ion: 65 Resp: 51858
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.0

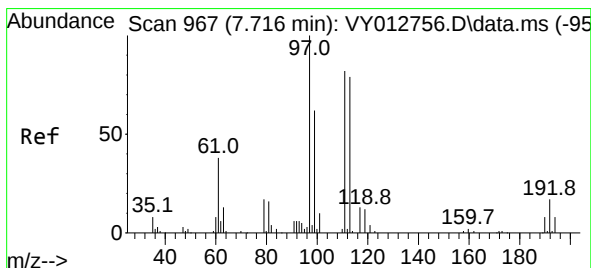
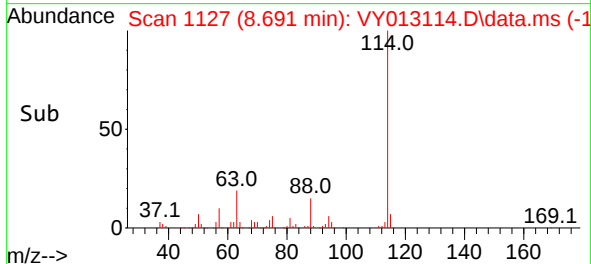
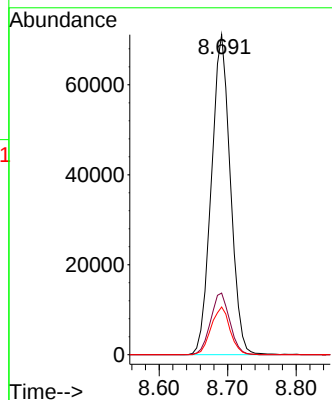
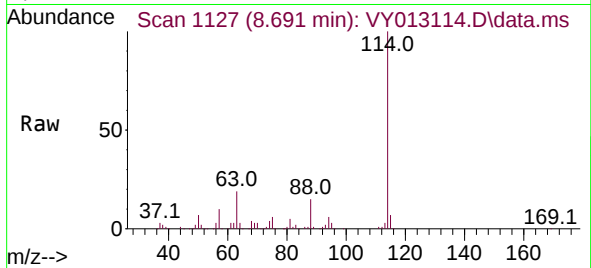




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

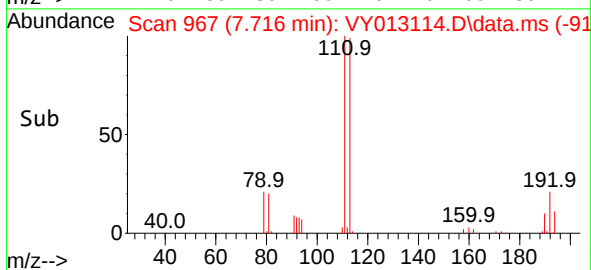
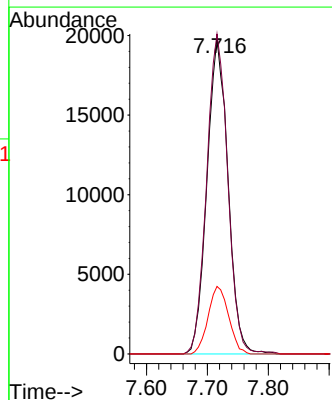
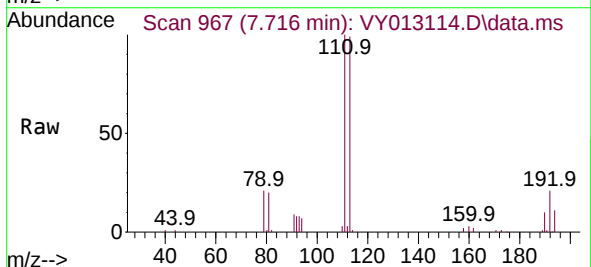
Instrument :
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ClientSampleId :
WV-SOIL3-0327

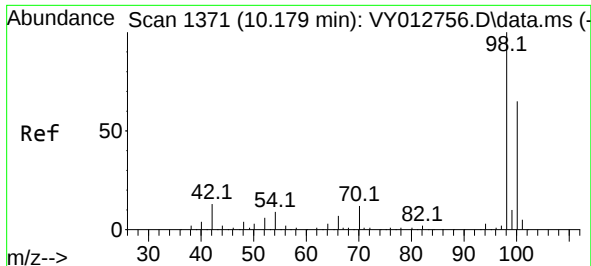
Tgt Ion:	114	Resp:	136750
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	14.9	0.0	28.6



#35
Dibromofluoromethane
Concen: 57.449 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

Tgt Ion:	113	Resp:	47412
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	20.9	16.8	25.2

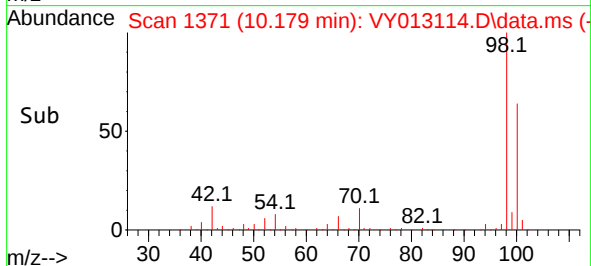
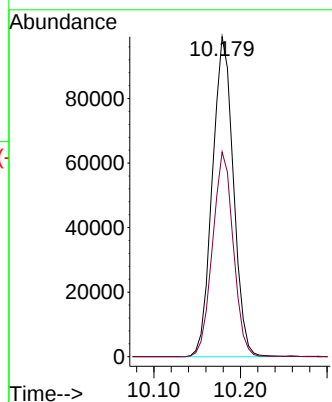
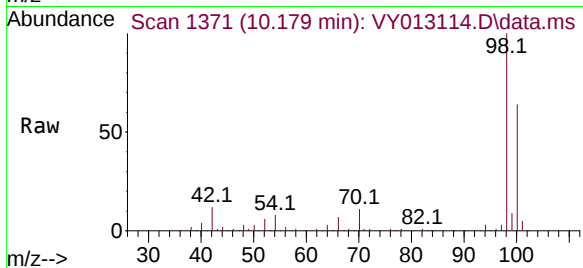




#50
Toluene-d8
Concen: 55.363 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

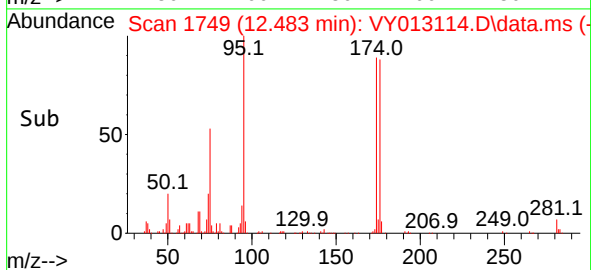
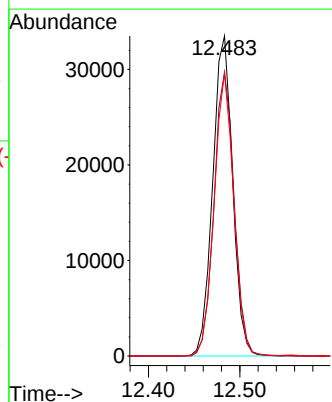
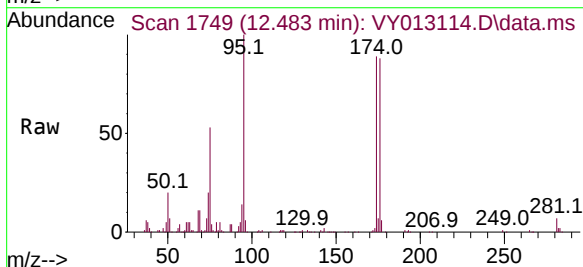
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL3-0327

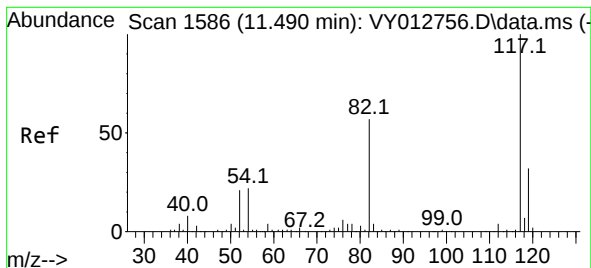
Tgt Ion: 98 Resp: 167035
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.777 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

Tgt Ion: 95 Resp: 50690
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 86.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013114.D

Acq: 28 Mar 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VV-SOIL3-0327

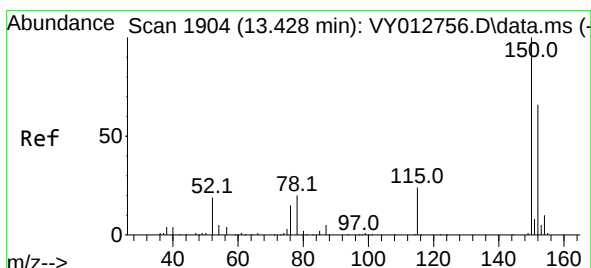
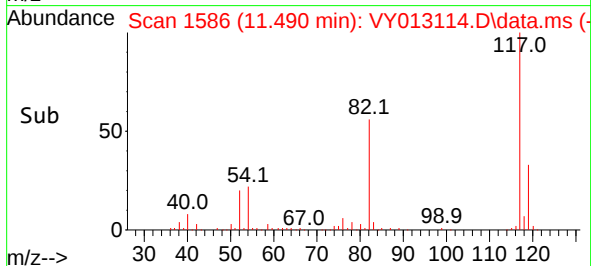
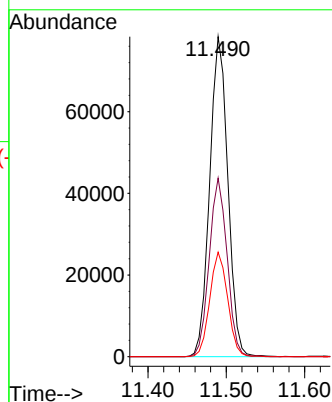
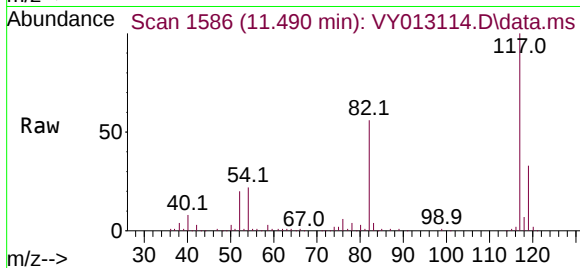
Tgt Ion:117 Resp: 126111

Ion Ratio Lower Upper

117 100

82 55.8 45.4 68.0

119 32.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013114.D

Acq: 28 Mar 2023 14:14

Tgt Ion:152 Resp: 58674

Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 156.6 0.0 347.8

