

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013526.D
 Acq On : 28 Apr 2023 15:17
 Operator : KP/MD
 Sample : 02490-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-201

Quant Time: Apr 28 23:13:53 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	187095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122400	59.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.360%
35) Dibromofluoromethane	7.716	113	101294	53.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.179	98	367104	54.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.340%
62) 4-Bromofluorobenzene	12.483	95	108994	47.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.400%

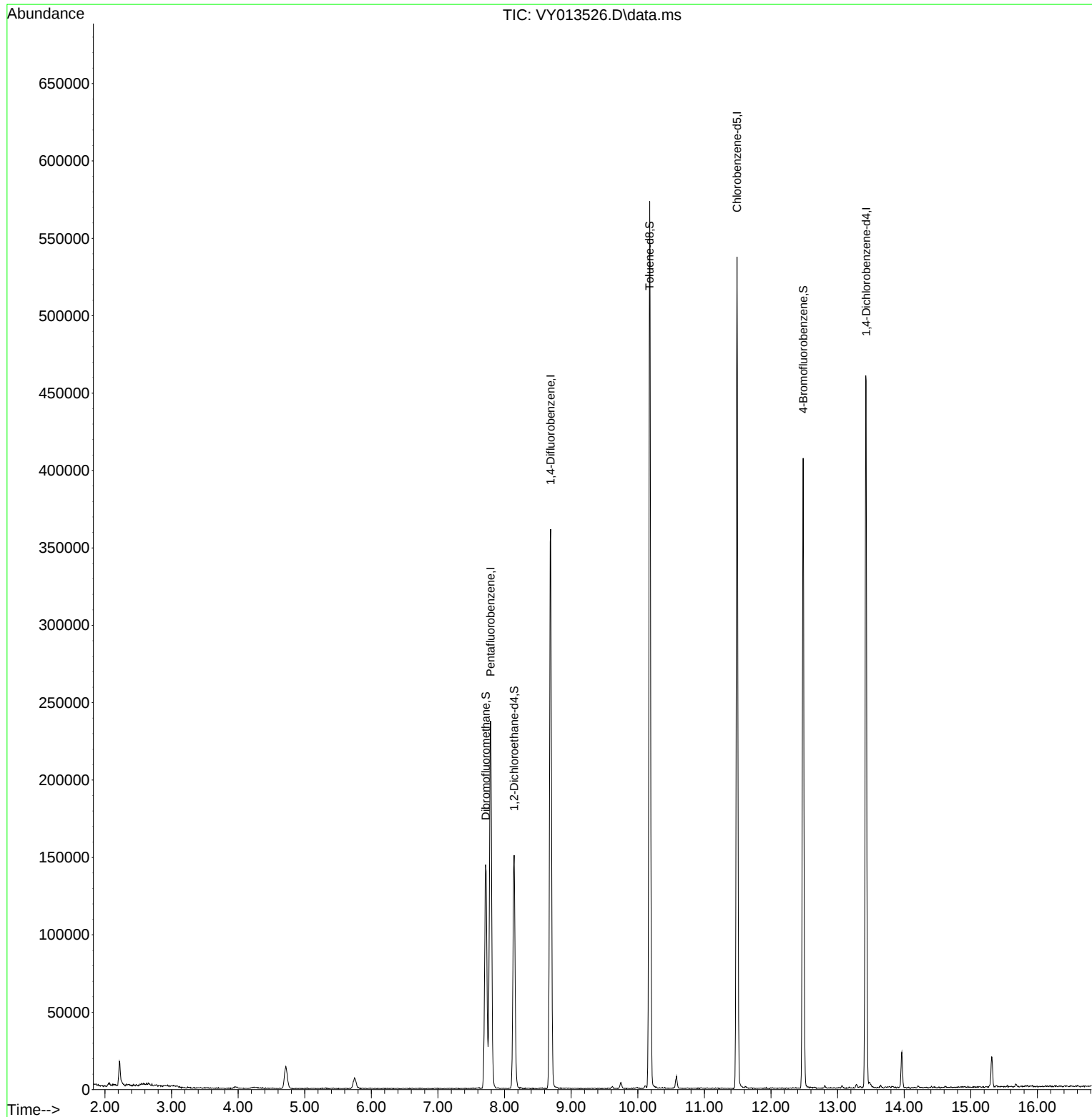
Target Compounds	Qvalue

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

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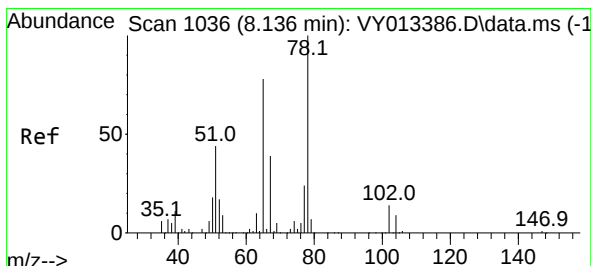
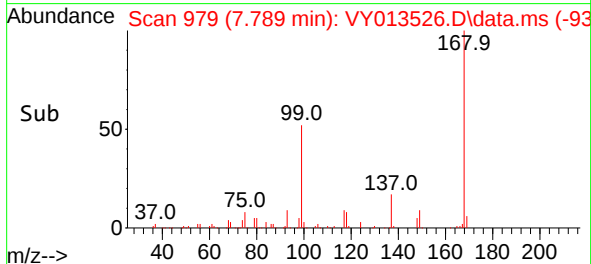
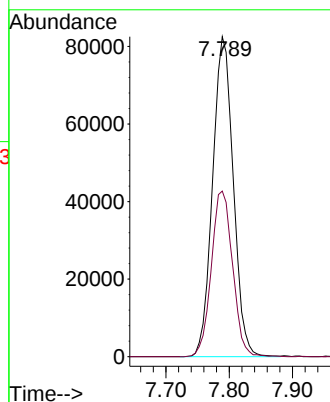
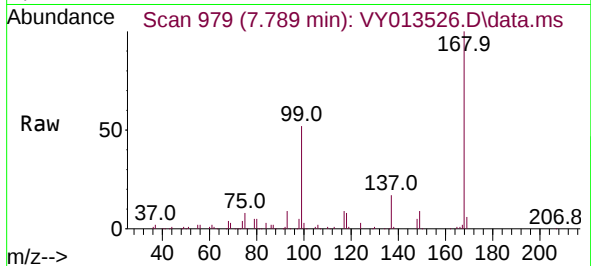




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

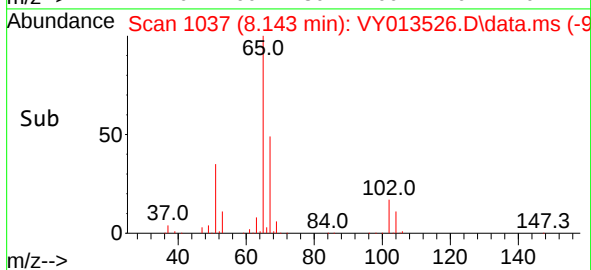
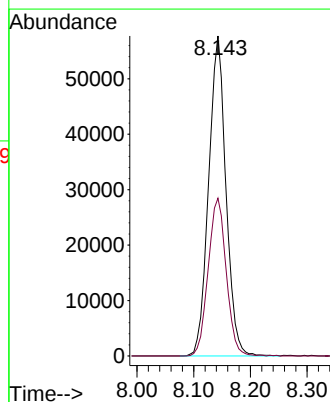
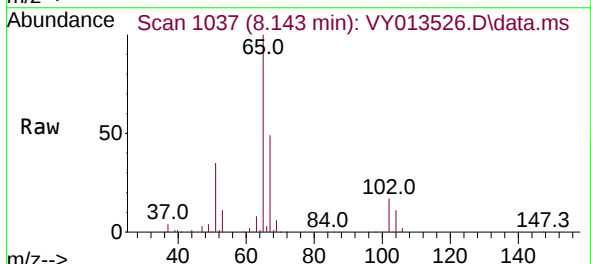
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201

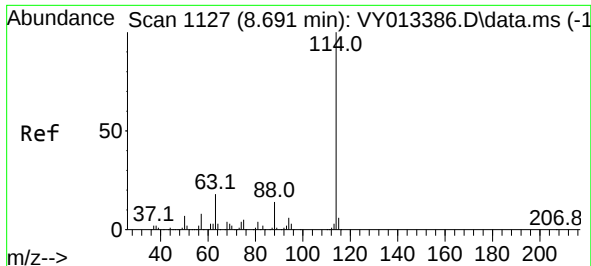
Tgt Ion:168 Resp: 187095
Ion Ratio Lower Upper
168 100
99 51.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 59.679 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

Tgt Ion: 65 Resp: 122400
Ion Ratio Lower Upper
65 100
67 51.3 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: VY013526.D

Acq: 28 Apr 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-201

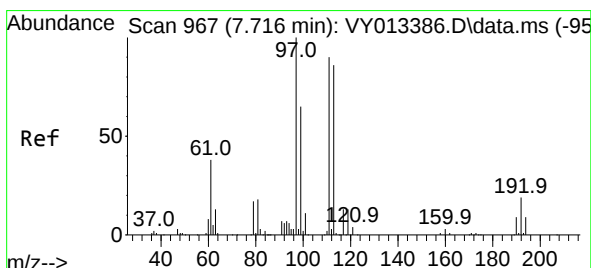
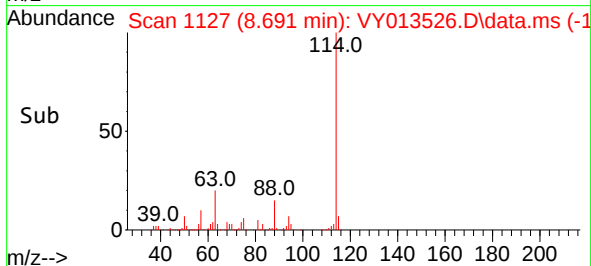
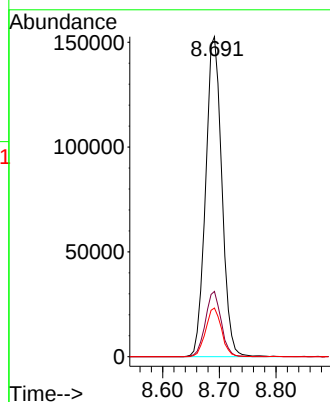
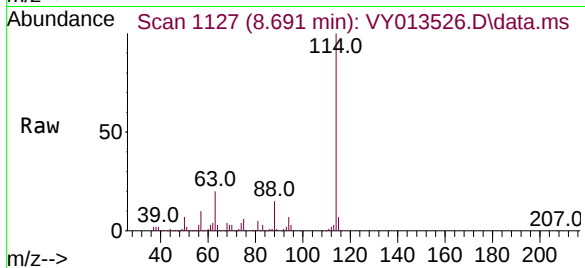
Tgt Ion:114 Resp: 302907

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.169 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013526.D

Acq: 28 Apr 2023 15:17

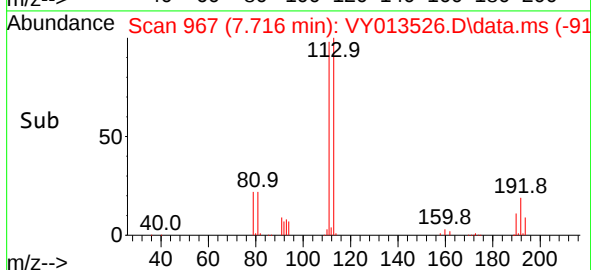
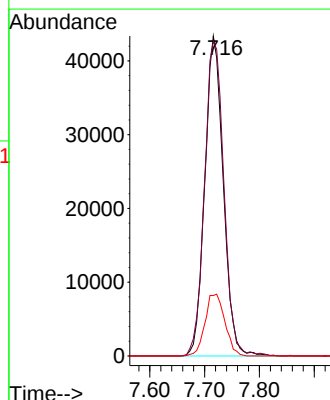
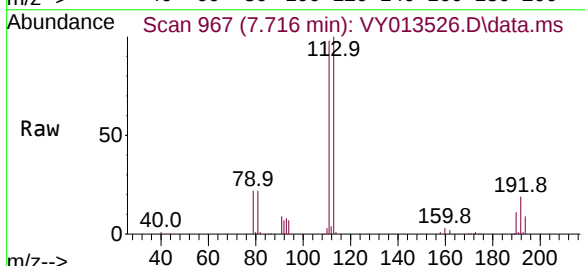
Tgt Ion:113 Resp: 101294

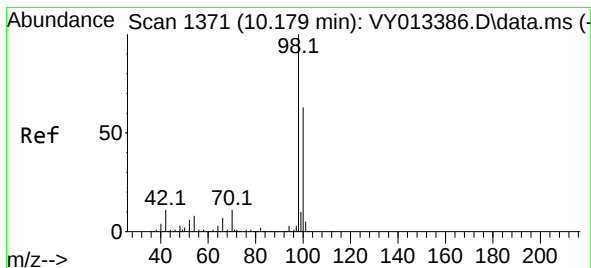
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.8 16.7 25.1

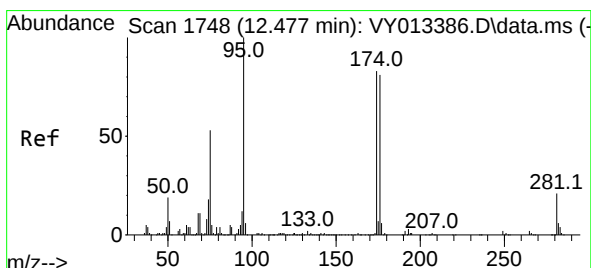
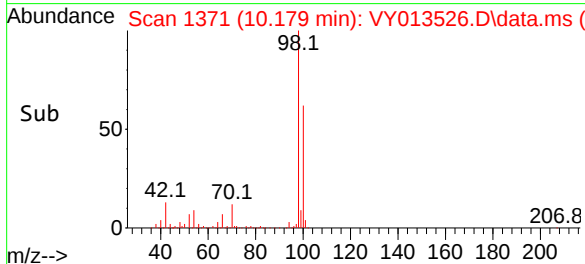
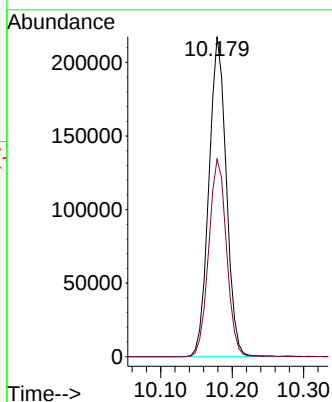
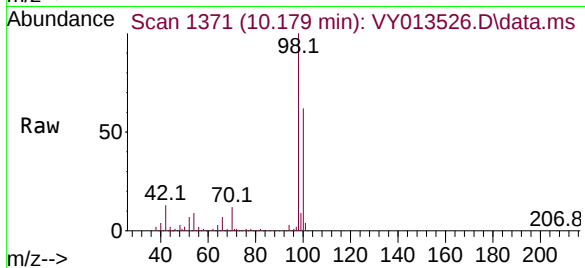




#50
Toluene-d8
Concen: 54.166 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

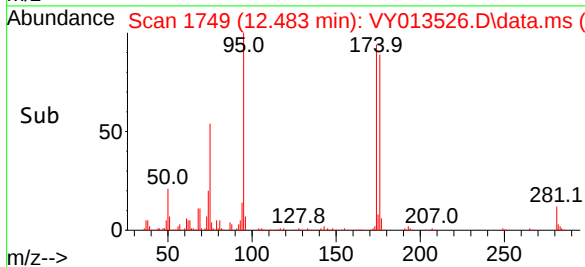
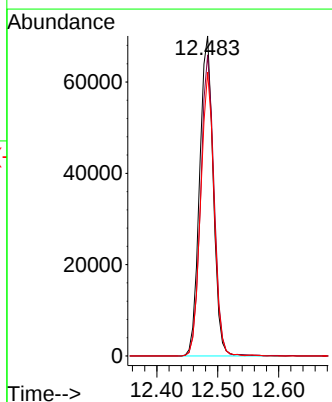
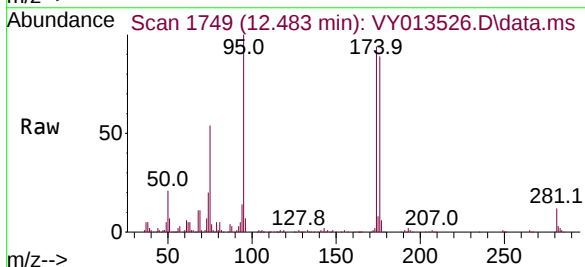
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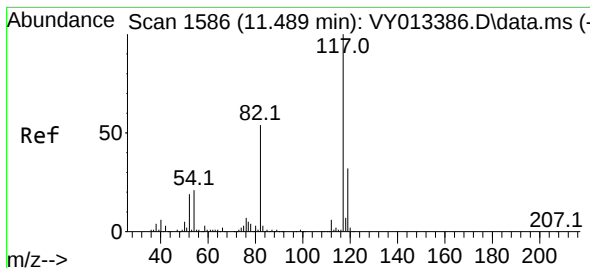
Tgt Ion: 98 Resp: 367104
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.703 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

Tgt Ion: 95 Resp: 108994
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 87.7 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: VY013526.D

Acq: 28 Apr 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-201

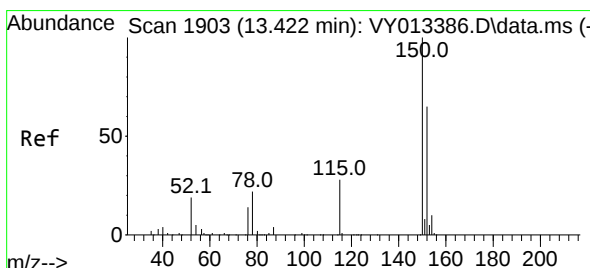
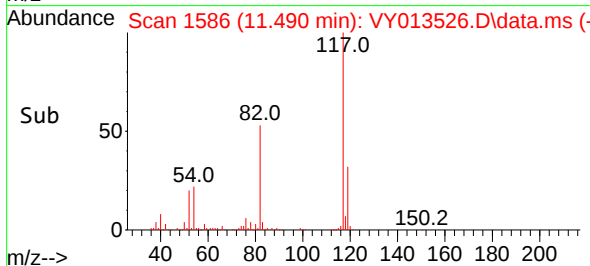
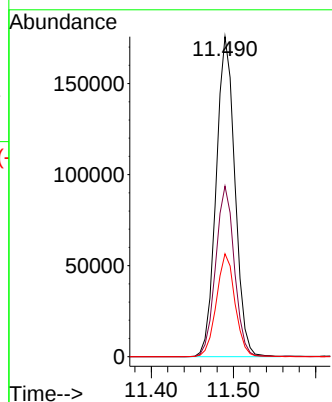
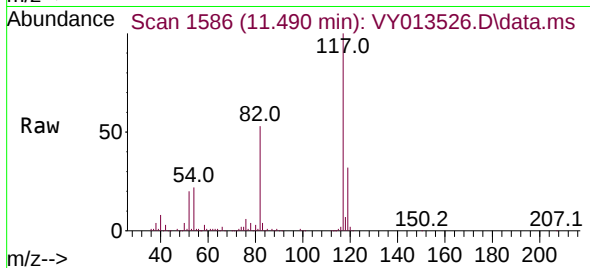
Tgt Ion:117 Resp: 279062

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.6

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013526.D

Acq: 28 Apr 2023 15:17

Tgt Ion:152 Resp: 122274

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 155.3 0.0 352.0

