

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013519.D
 Acq On : 28 Apr 2023 12:33
 Operator : KP/MD
 Sample : 02504-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-512-VOC-01

Quant Time: Apr 28 23:11:51 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	221053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	368622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	160079	66.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.120%
35) Dibromofluoromethane	7.716	113	125871	54.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.580%
50) Toluene-d8	10.179	98	453769	55.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.040%
62) 4-Bromofluorobenzene	12.483	95	145422	52.300	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.600%

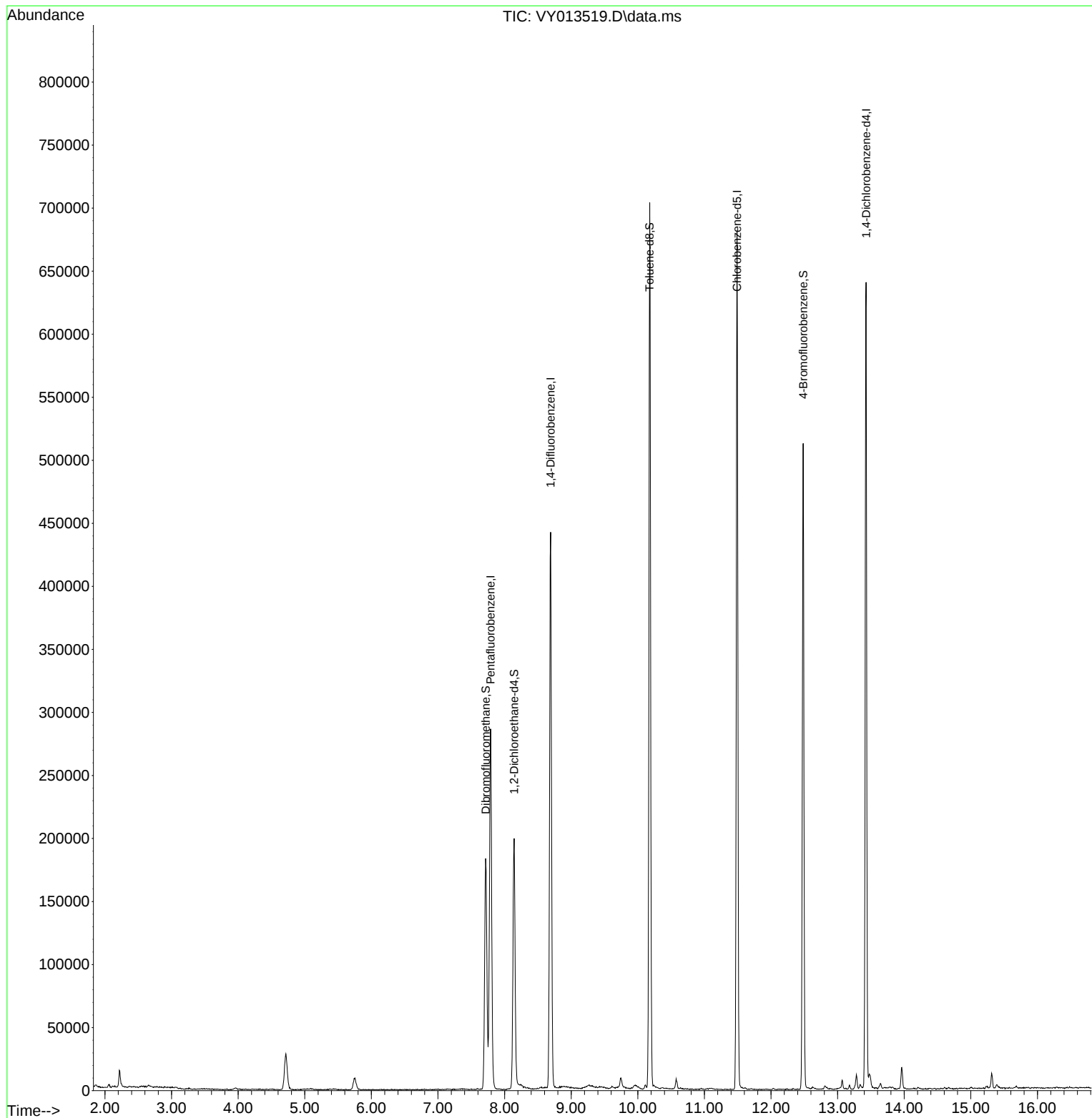
Target Compounds	Qvalue

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

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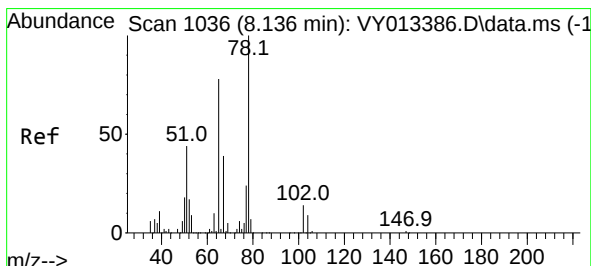
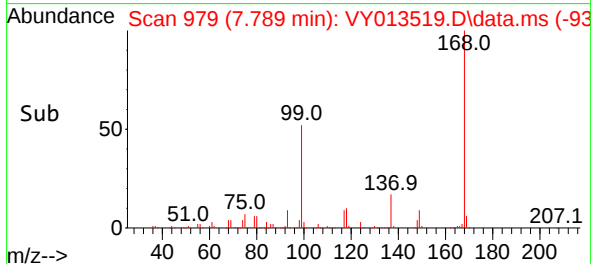
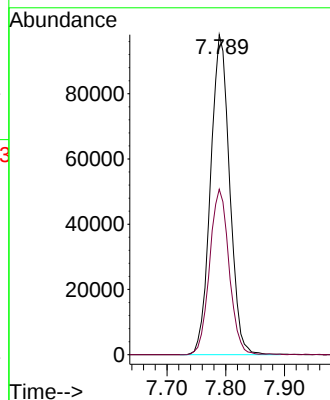
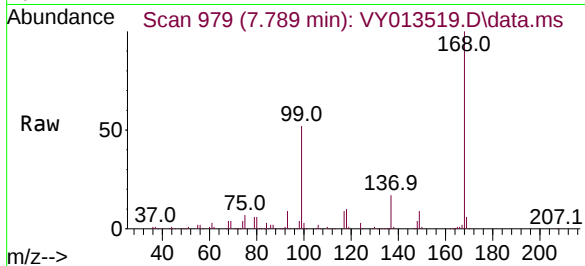




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013519.D
Acq: 28 Apr 2023 12:33

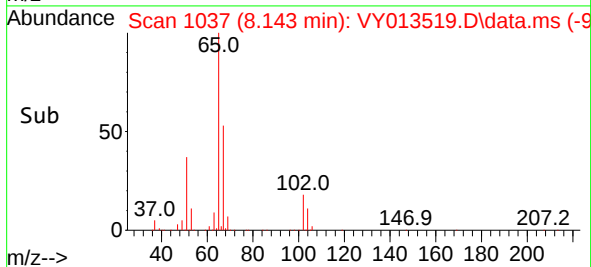
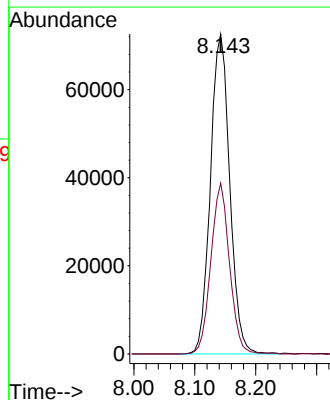
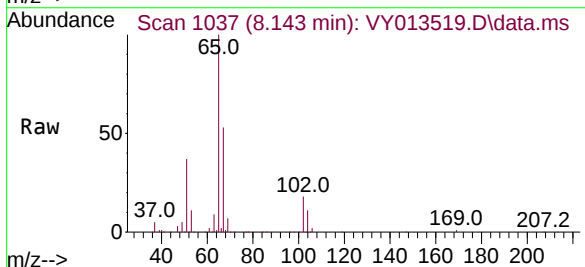
Instrument :
MSVOA_Y
ClientSampleId :
BU-512-VOC-01

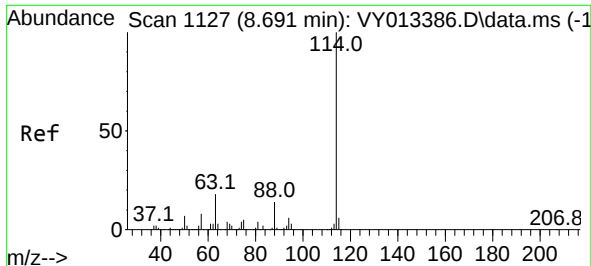
Tgt Ion:168 Resp: 221053
Ion Ratio Lower Upper
168 100
99 51.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.060 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013519.D
Acq: 28 Apr 2023 12:33

Tgt Ion: 65 Resp: 160079
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

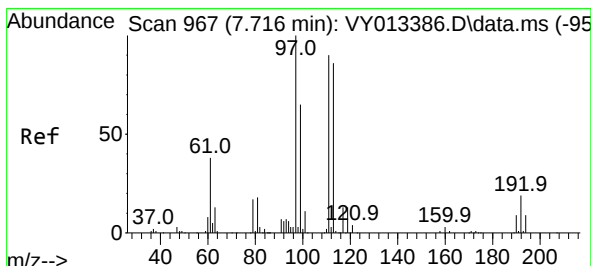
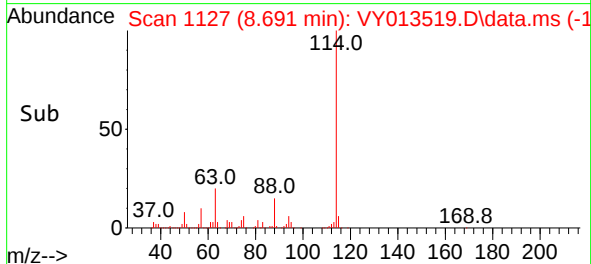
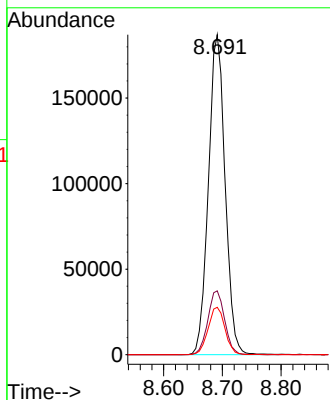
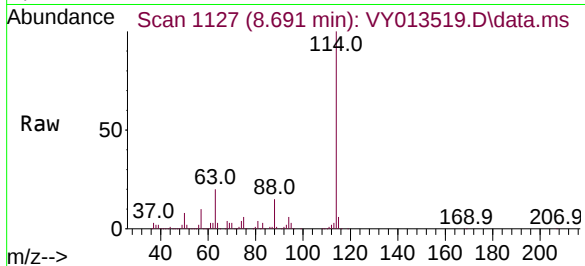




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013519.D
Acq: 28 Apr 2023 12:33

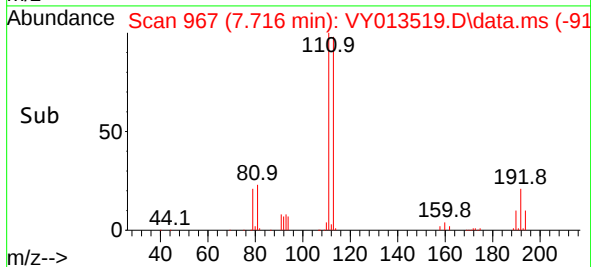
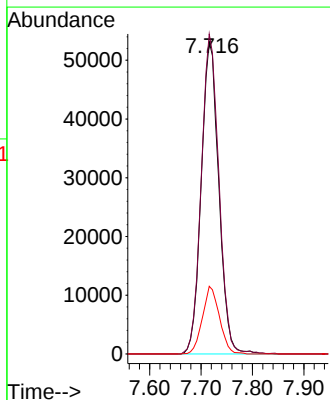
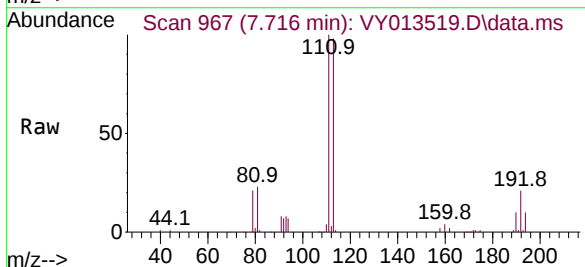
Instrument :
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BU-512-VOC-01

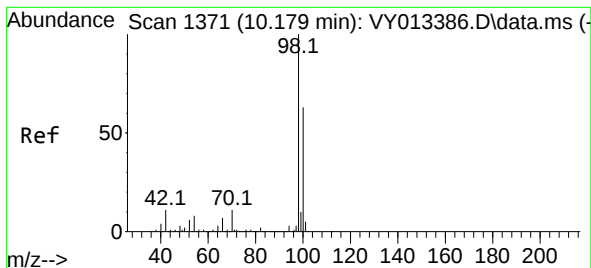
Tgt Ion:114 Resp: 368622
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.6
88 14.8 0.0 28.8



#35
Dibromofluoromethane
Concen: 54.291 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013519.D
Acq: 28 Apr 2023 12:33

Tgt Ion:113 Resp: 125871
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.0 16.7 25.1





#50

Toluene-d8

Concen: 55.017 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013519.D

Acq: 28 Apr 2023 12:33

Instrument :

MSVOA_Y

ClientSampleId :

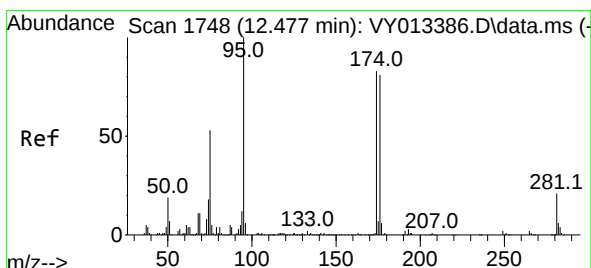
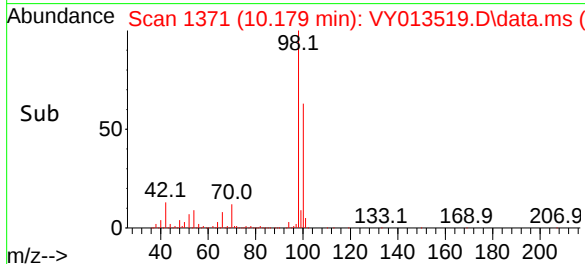
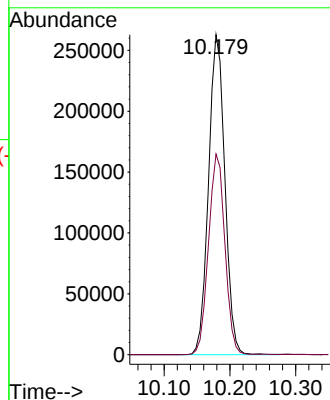
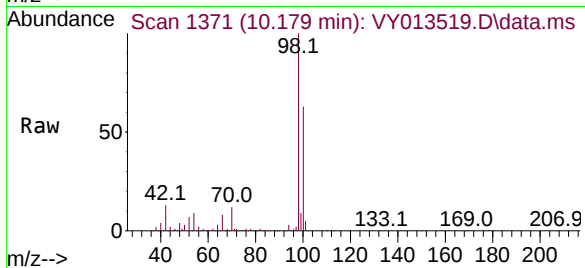
BU-512-VOC-01

Tgt Ion: 98 Resp: 453769

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 52.300 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013519.D

Acq: 28 Apr 2023 12:33

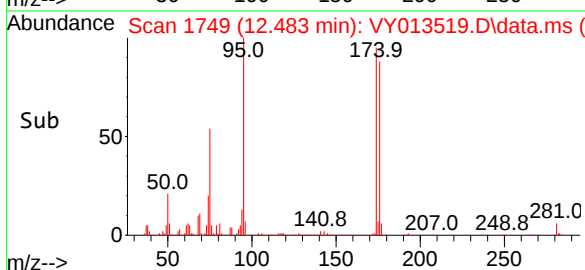
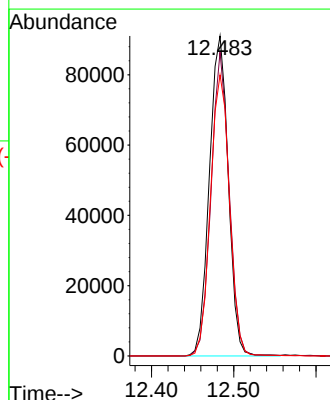
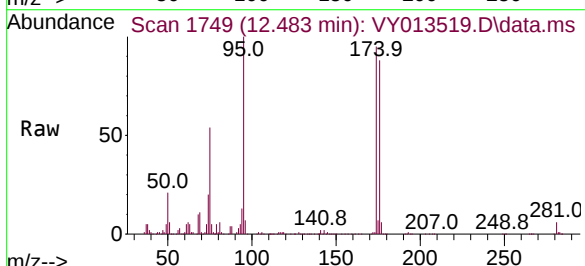
Tgt Ion: 95 Resp: 145422

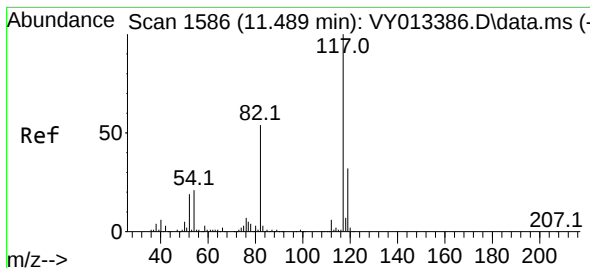
Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.0

176 88.8 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: VY013519.D

Acq: 28 Apr 2023 12:33

Instrument :

MSVOA_Y

ClientSampleId :

BU-512-VOC-01

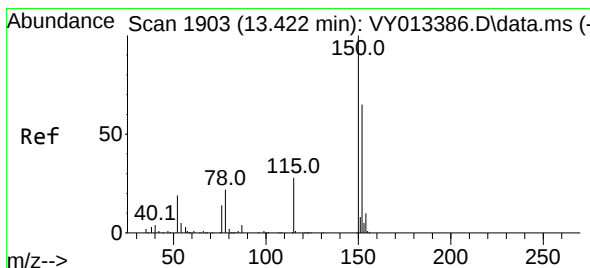
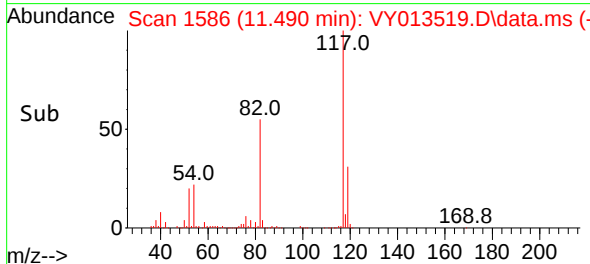
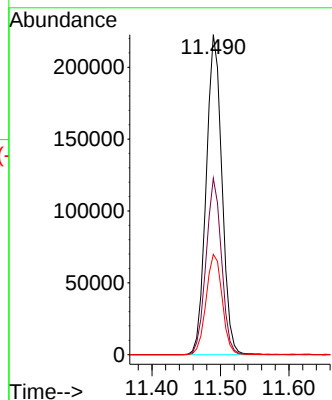
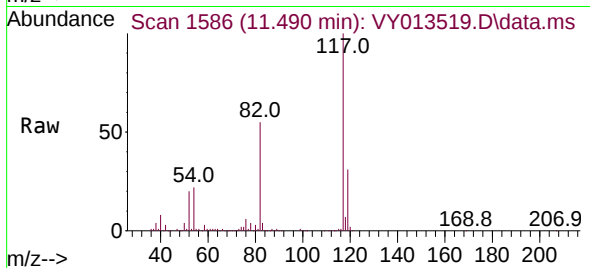
Tgt Ion:117 Resp: 356313

Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.6

119 31.4 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: VY013519.D

Acq: 28 Apr 2023 12:33

Tgt Ion:152 Resp: 163946

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 156.4 0.0 352.0

