

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013935.D
 Acq On : 31 May 2023 15:04
 Operator : KP/MD
 Sample : VY0531SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0531SBL01

Quant Time: May 31 17:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353271	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	331304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157610	60.519	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.040%
35) Dibromofluoromethane	7.716	113	126827	55.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.180%
50) Toluene-d8	10.179	98	432420	49.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.477	95	144067	49.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.960%

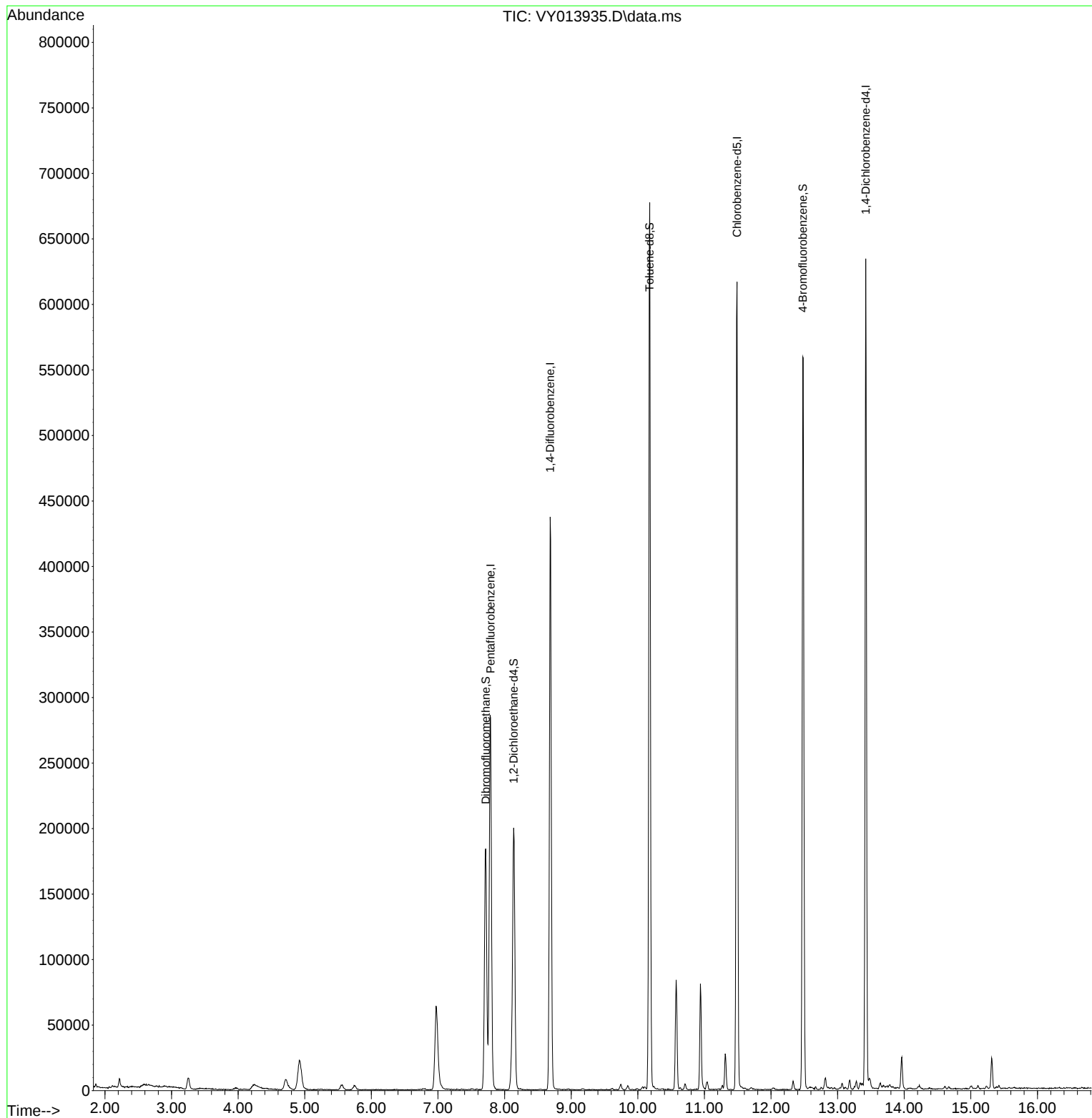
Target Compounds	Qvalue

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

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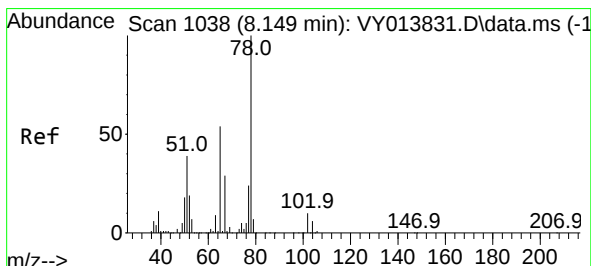
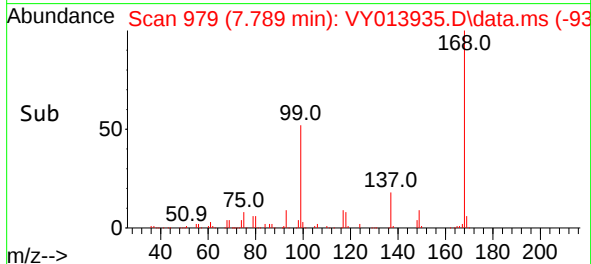
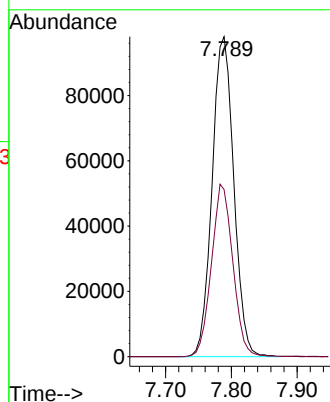
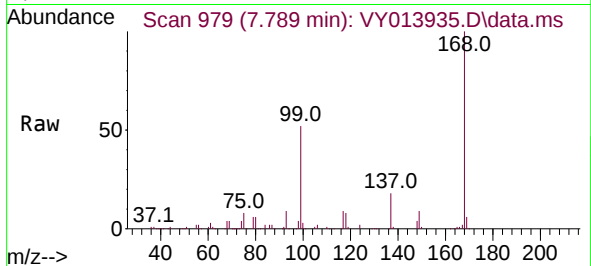




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

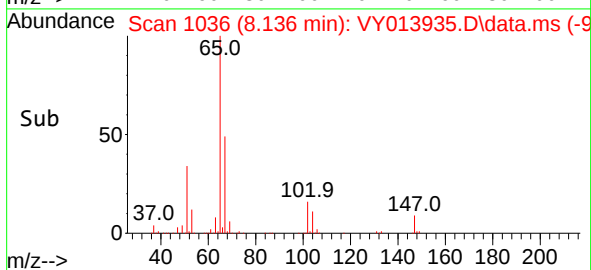
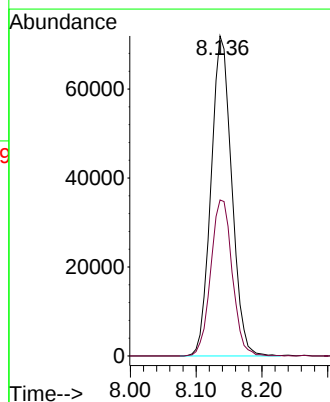
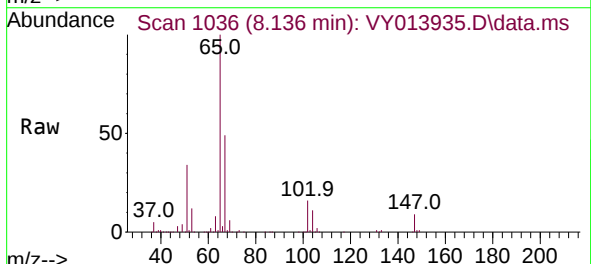
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBL01

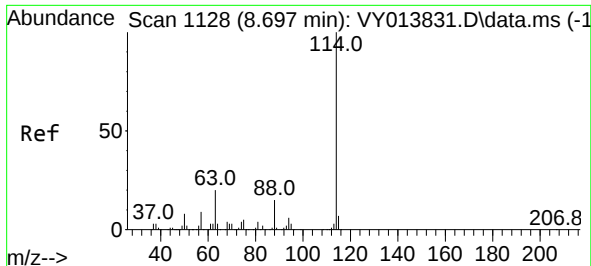
Tgt Ion:168 Resp: 225111
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 60.519 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Tgt Ion: 65 Resp: 157610
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBL01

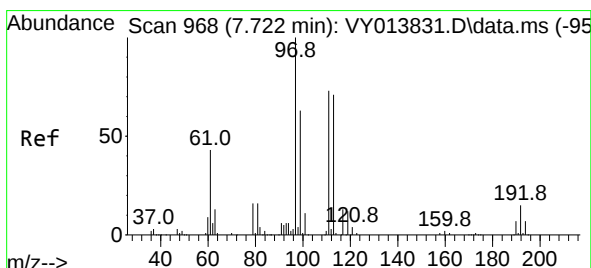
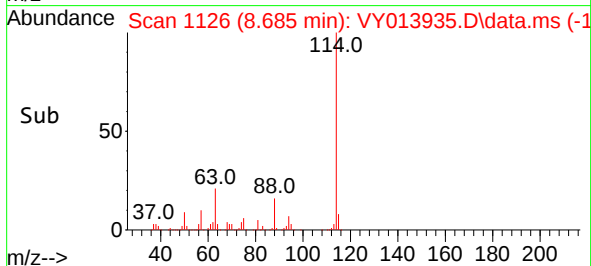
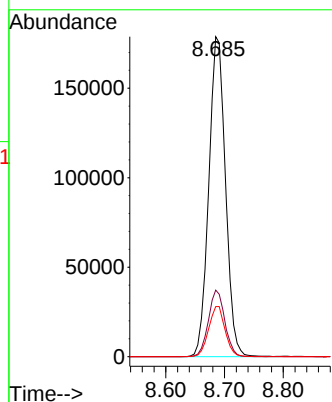
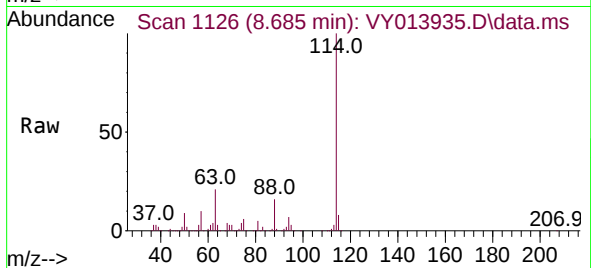
Tgt Ion:114 Resp: 353271

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.591 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

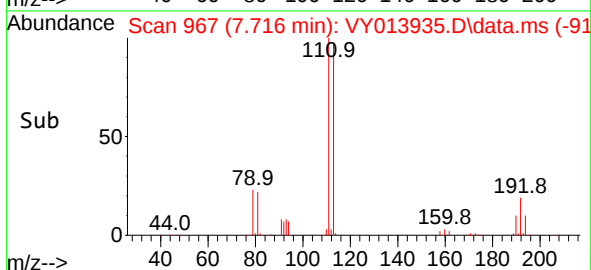
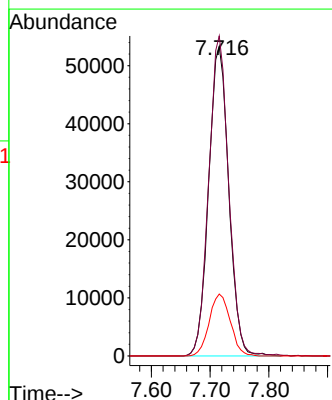
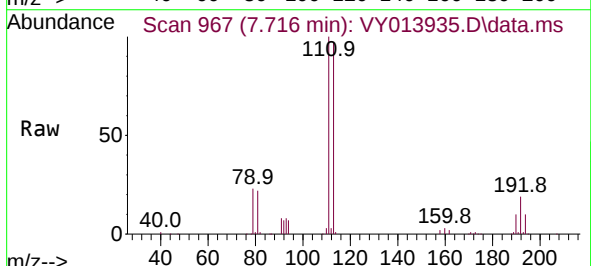
Tgt Ion:113 Resp: 126827

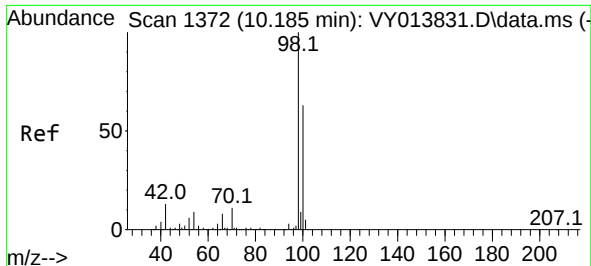
Ion Ratio Lower Upper

113 100

111 102.6 80.4 120.6

192 21.0 16.6 25.0

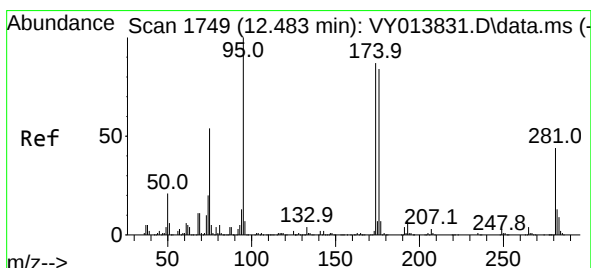
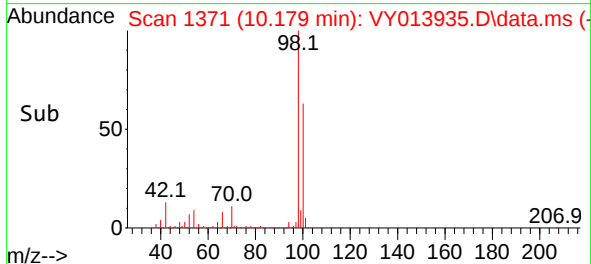
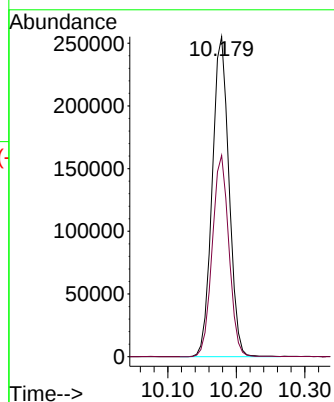
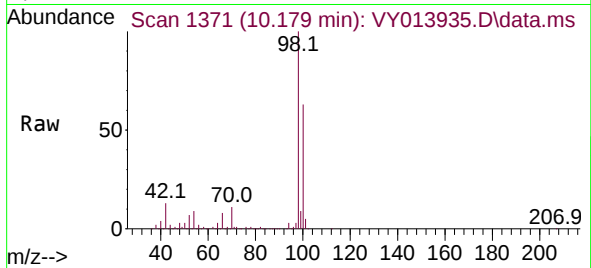




#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

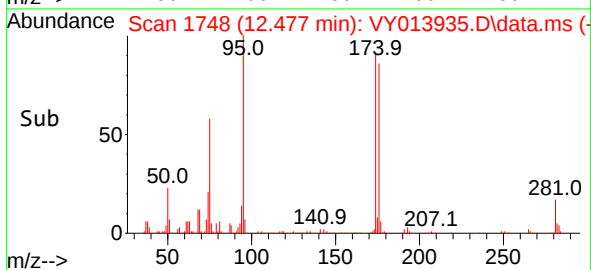
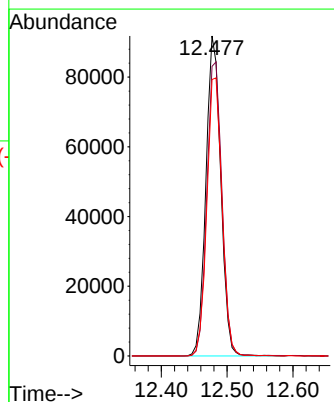
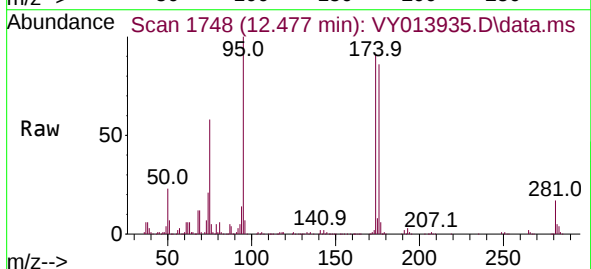
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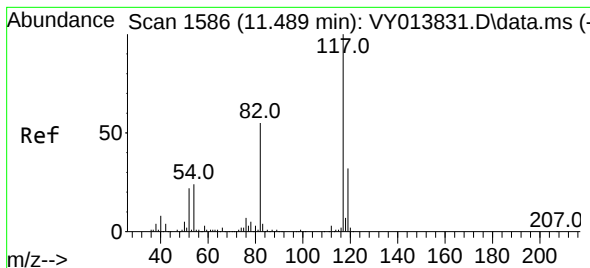
Tgt Ion: 98 Resp: 432420
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 49.984 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Tgt Ion: 95 Resp: 144067
Ion Ratio Lower Upper
95 100
174 93.6 0.0 176.0
176 89.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBL01

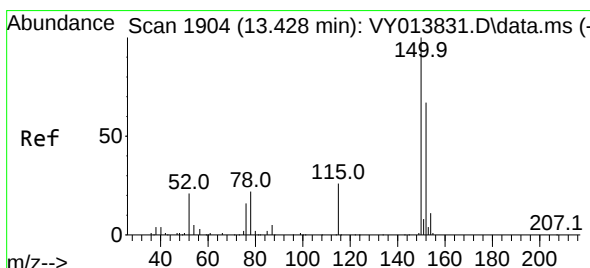
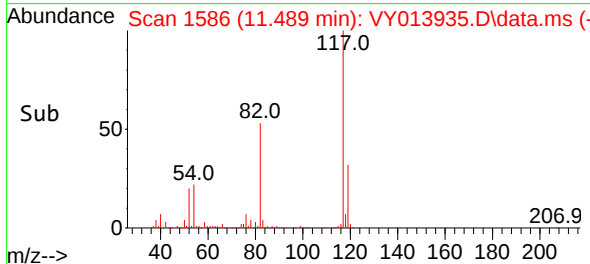
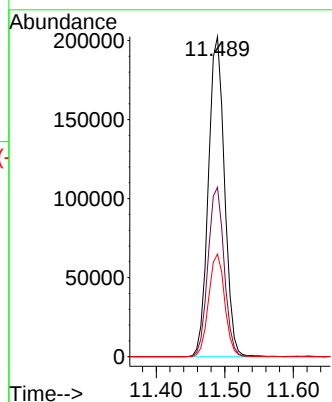
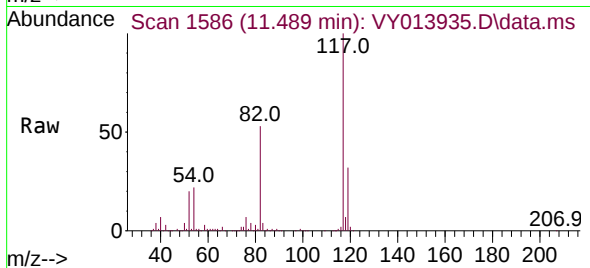
Tgt Ion:117 Resp: 331304

Ion Ratio Lower Upper

117 100

82 52.9 44.2 66.4

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

Tgt Ion:152 Resp: 155661

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 156.6 0.0 353.4

