

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014015.D
 Acq On : 05 Jun 2023 18:17
 Operator : KP/MD
 Sample : 03018-13
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-4648

Quant Time: Jun 06 03:58:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	154385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	268451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107914	52.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.600%
35) Dibromofluoromethane	7.716	113	93278	54.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.840%
50) Toluene-d8	10.179	98	333436	51.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.483	95	108113	48.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.900%

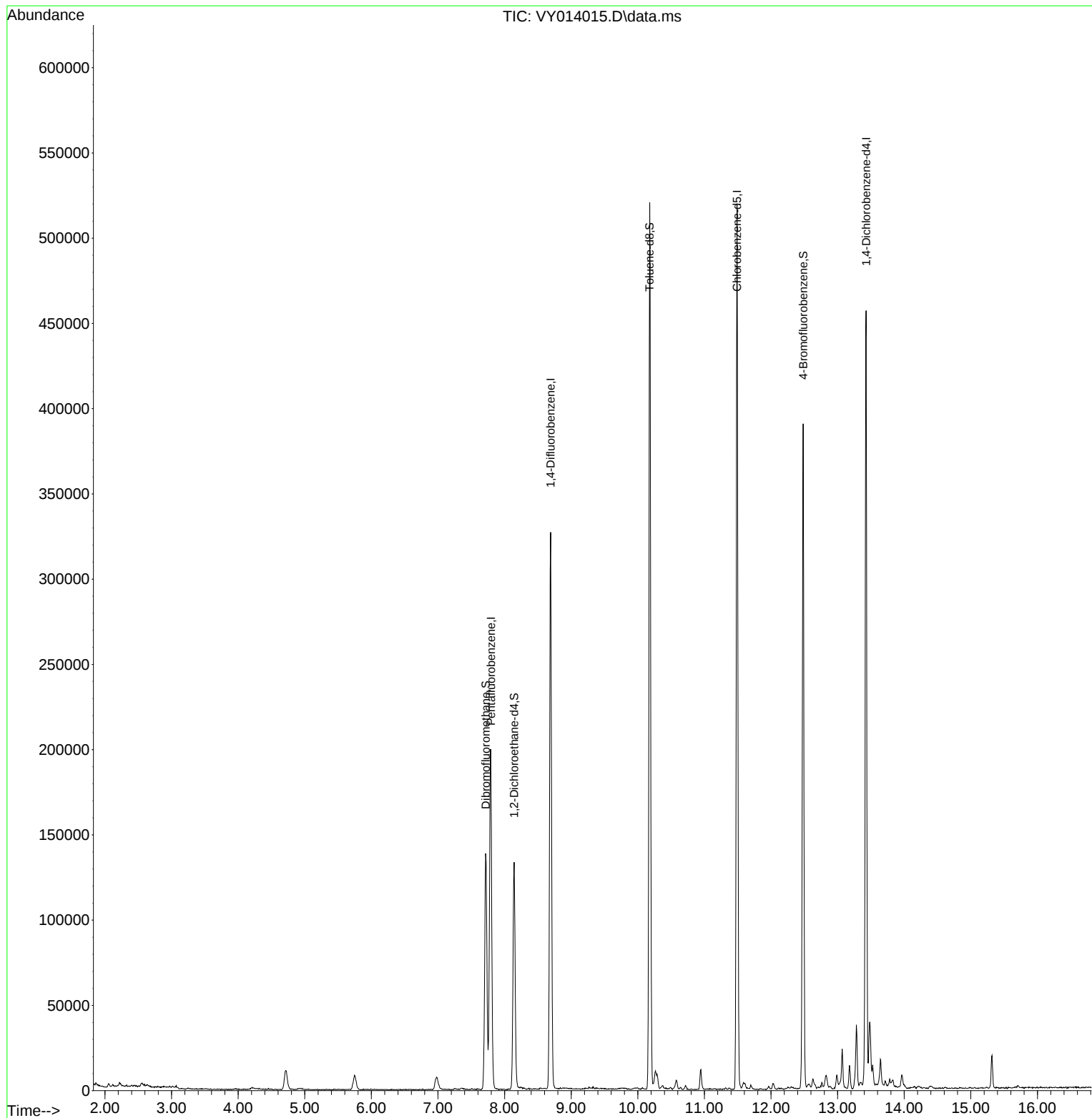
Target Compounds	Qvalue

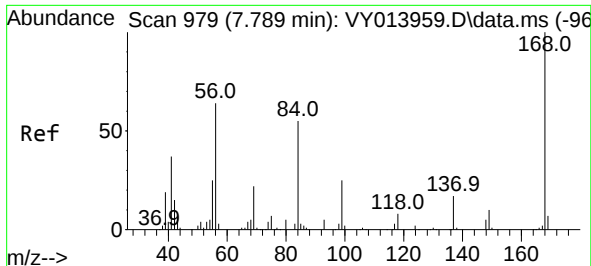
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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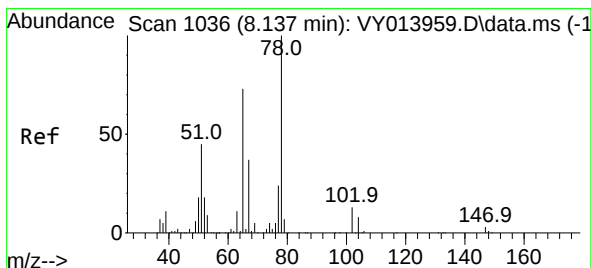
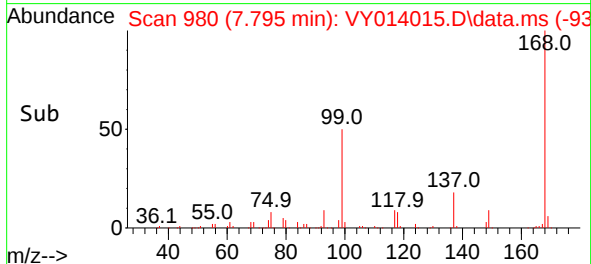
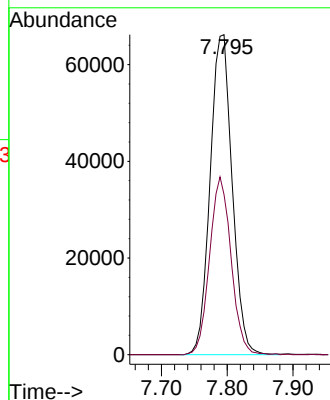
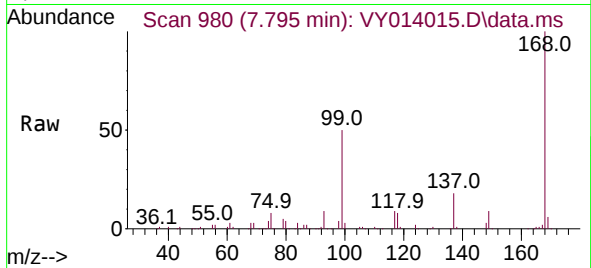




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014015.D
Acq: 05 Jun 2023 18:17

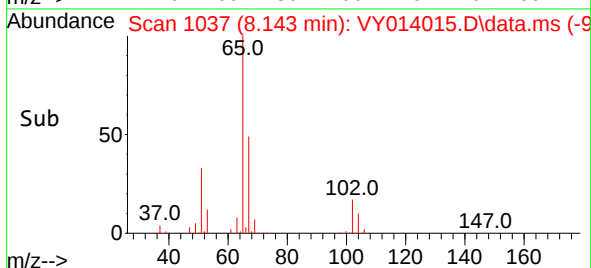
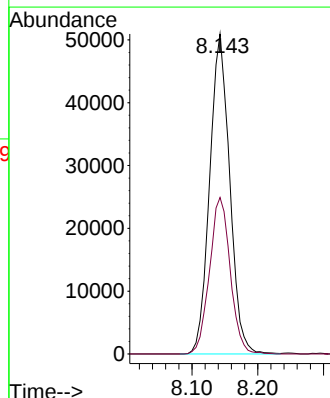
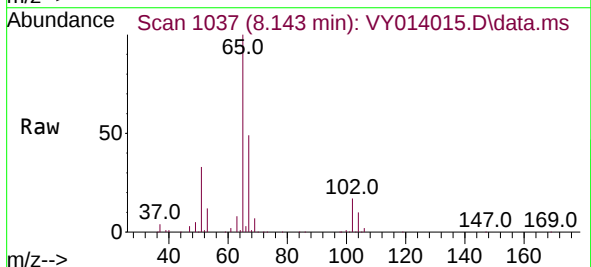
Instrument :
MSVOA_Y
ClientSampleId :
RT-4648

Tgt Ion:168 Resp: 154385
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.803 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014015.D
Acq: 05 Jun 2023 18:17

Tgt Ion: 65 Resp: 107914
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014015.D

Acq: 05 Jun 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

RT-4648

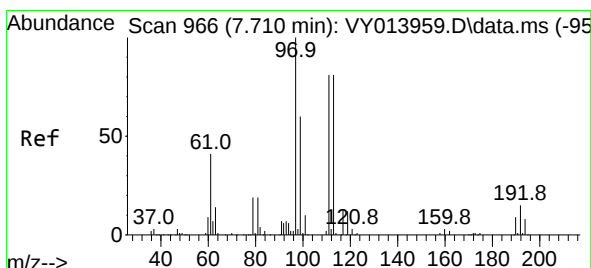
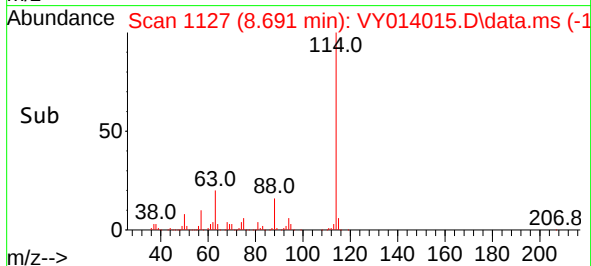
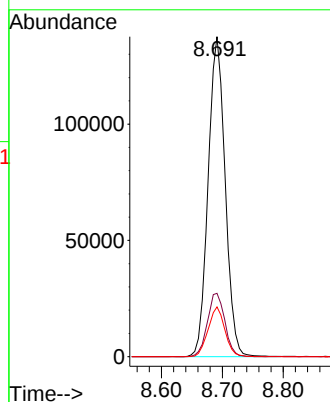
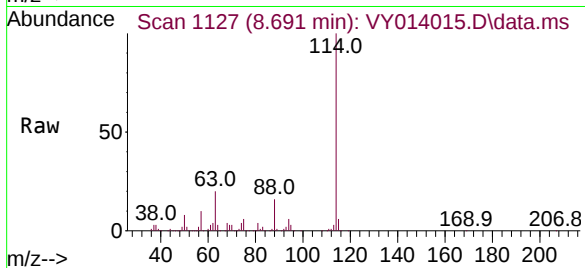
Tgt Ion:114 Resp: 267245

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.922 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014015.D

Acq: 05 Jun 2023 18:17

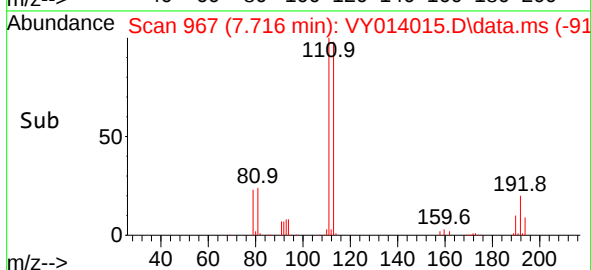
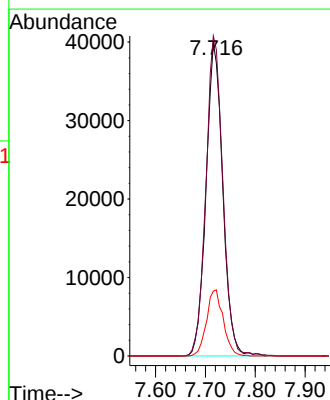
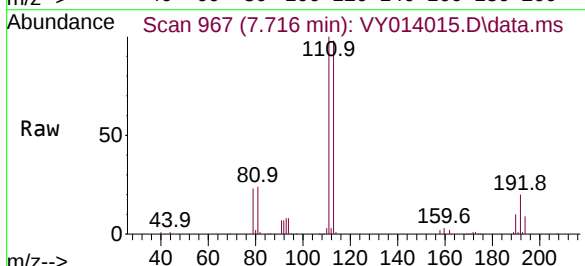
Tgt Ion:113 Resp: 93278

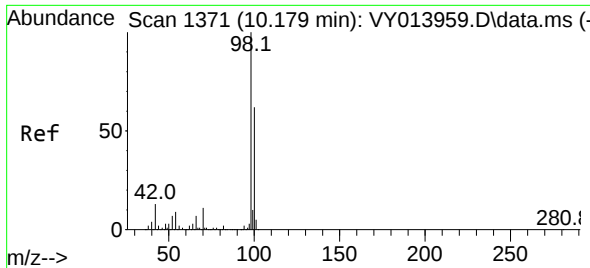
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 21.0 16.9 25.3

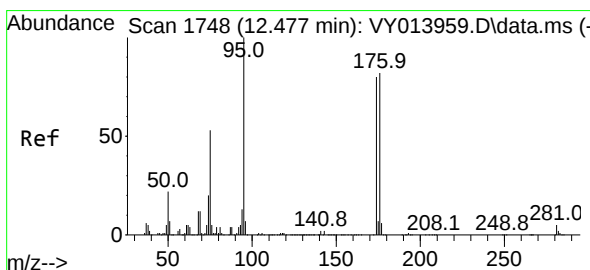
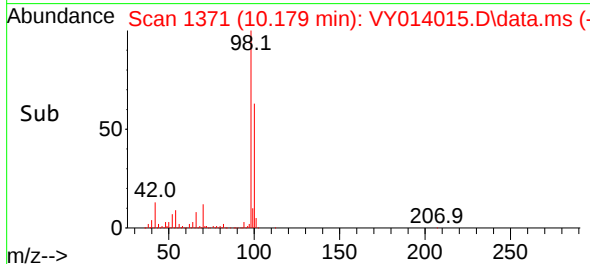
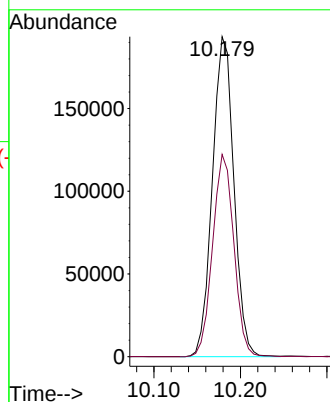
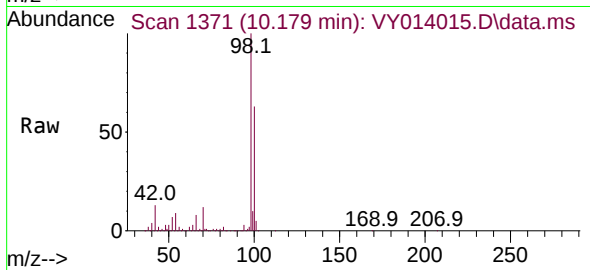




#50
Toluene-d8
Concen: 51.470 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014015.D
Acq: 05 Jun 2023 18:17

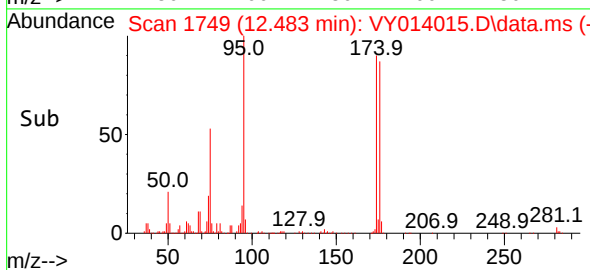
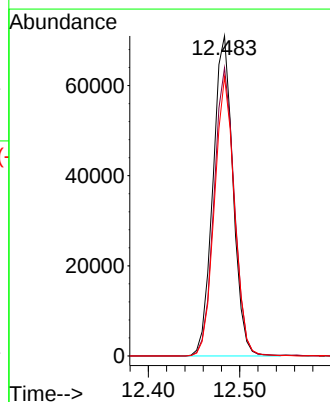
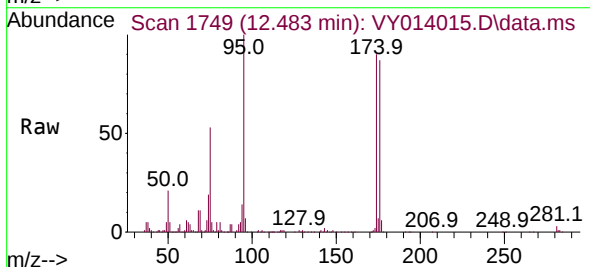
Instrument :
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RT-4648

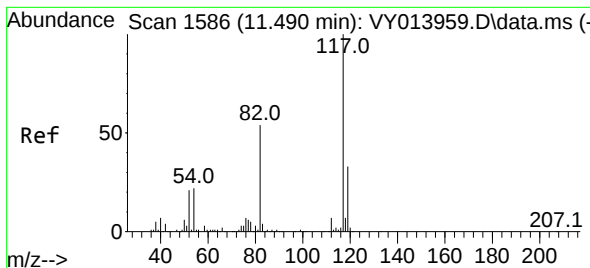
Tgt Ion: 98 Resp: 333436
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.951 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014015.D
Acq: 05 Jun 2023 18:17

Tgt Ion: 95 Resp: 108113
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014015.D

Acq: 05 Jun 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

RT-4648

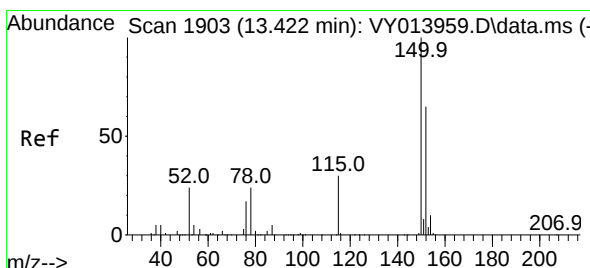
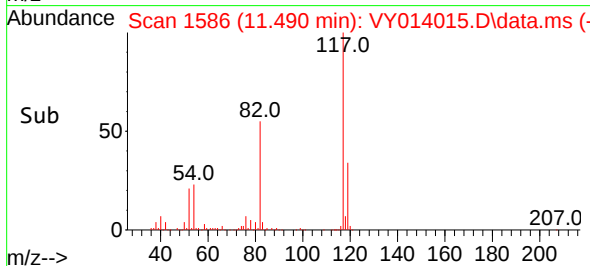
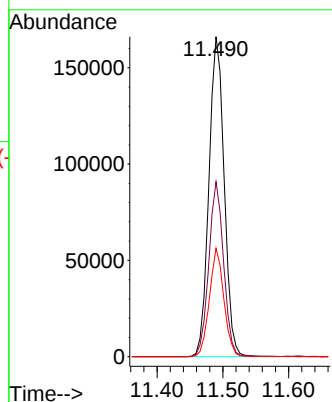
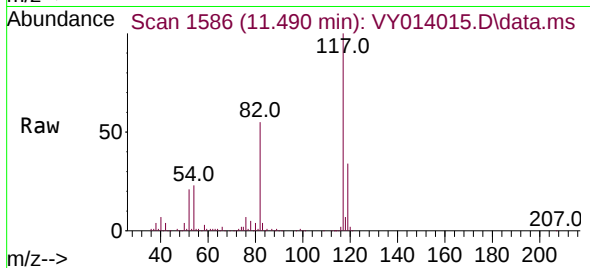
Tgt Ion:117 Resp: 268451

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 33.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014015.D

Acq: 05 Jun 2023 18:17

Tgt Ion:152 Resp: 116107

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 156.4 0.0 348.8

