

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013990.D
 Acq On : 02 Jun 2023 15:20
 Operator : KP/MD
 Sample : 03004-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-060123

Quant Time: Jun 05 09:43:16 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	7.777	168	119904	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	201465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	204120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	85603	53.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.860%
35) Dibromofluoromethane	7.710	113	69853	54.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.120%
50) Toluene-d8	10.173	98	249873	51.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.477	95	79921	48.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.000%

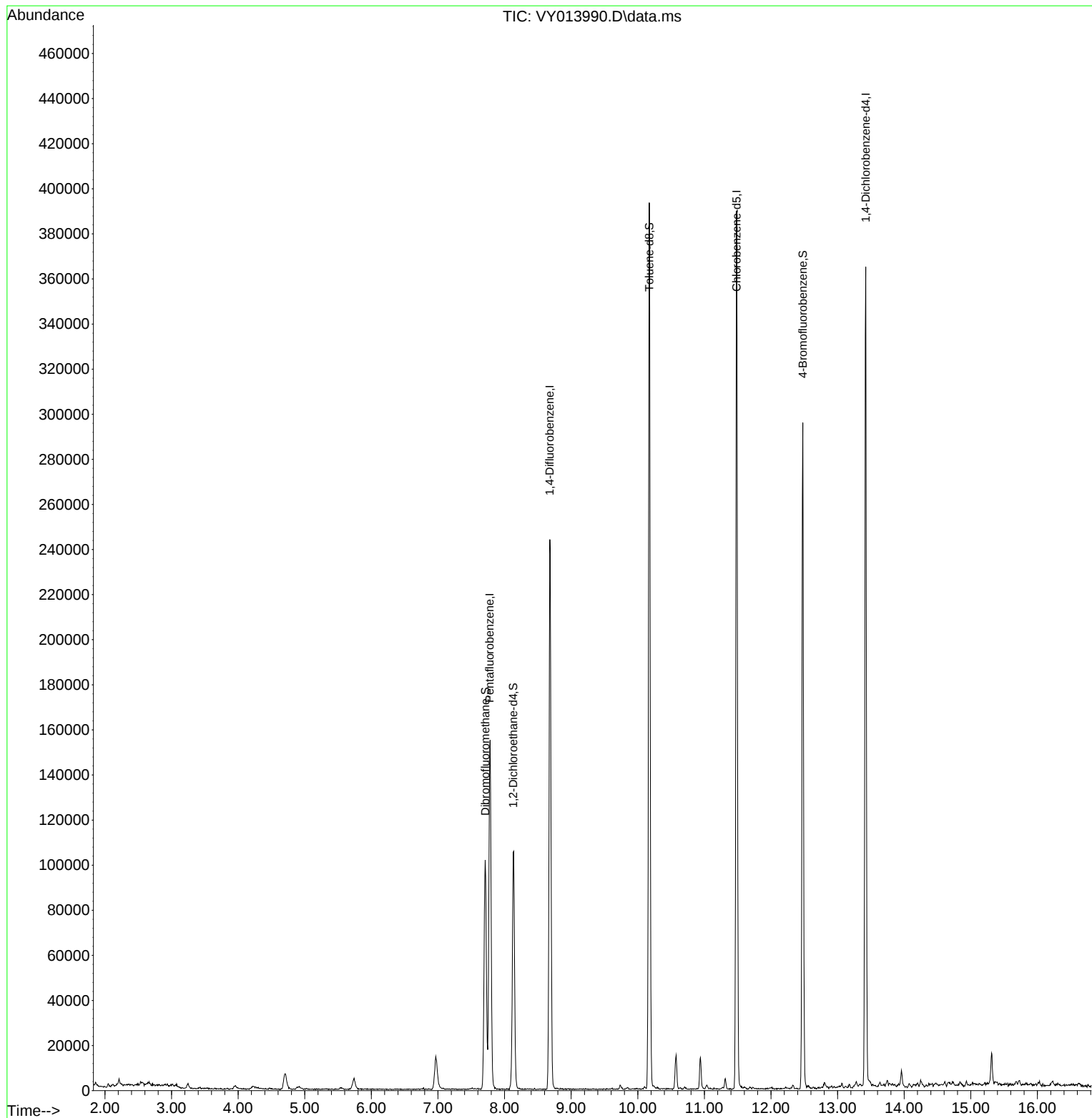
Target Compounds	Qvalue

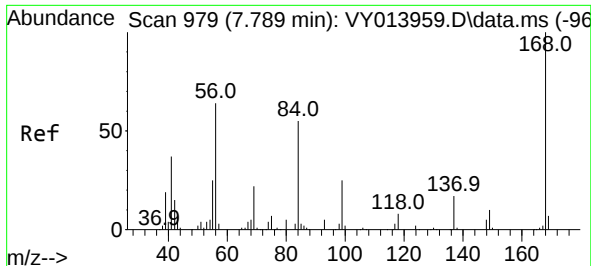
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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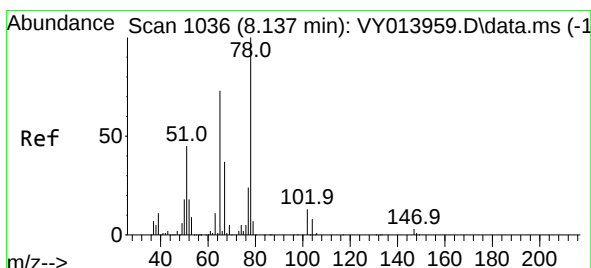
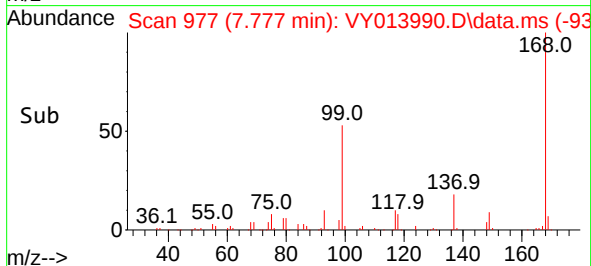
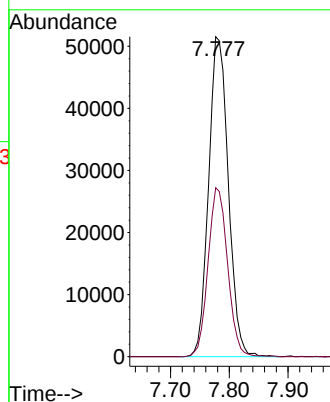
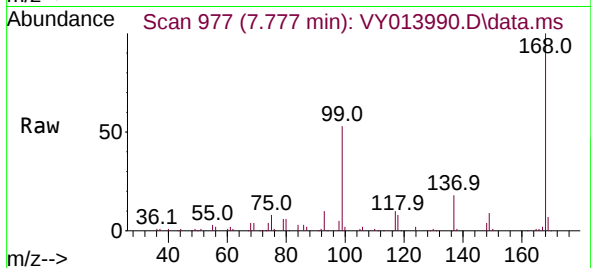




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

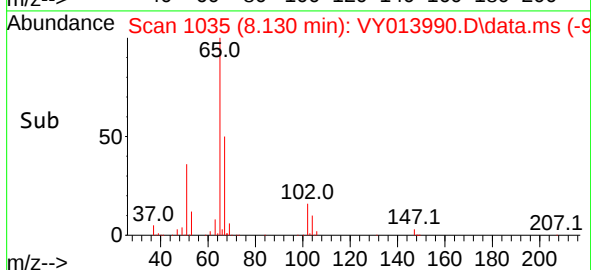
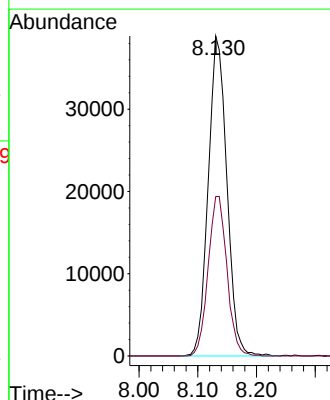
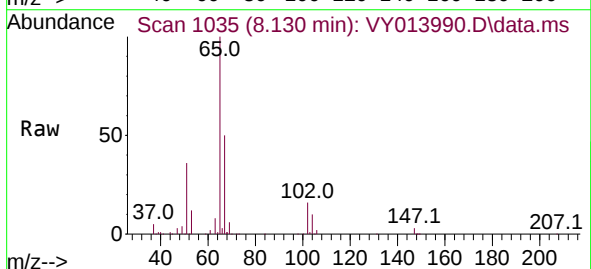
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

Tgt Ion:168 Resp: 119904
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.932 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion: 65 Resp: 85603
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

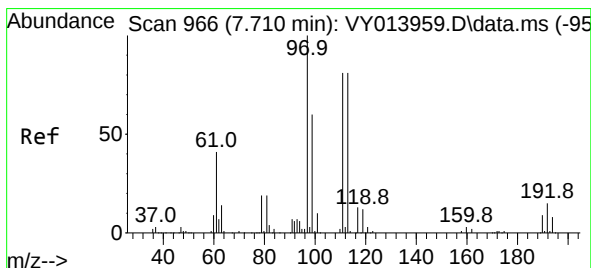
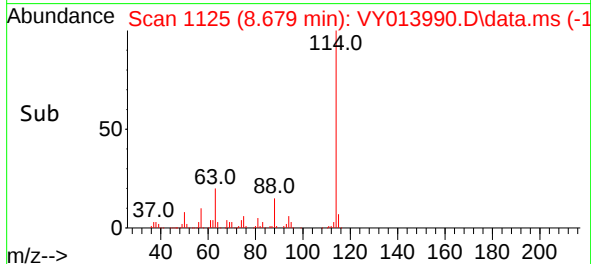
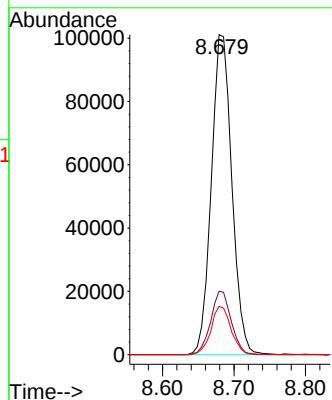
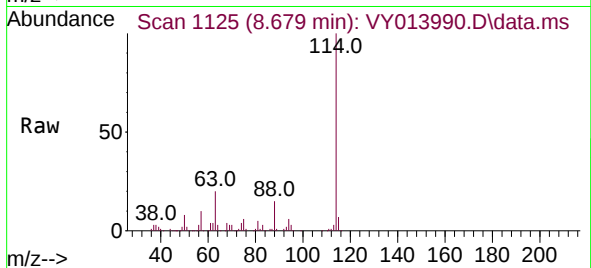




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

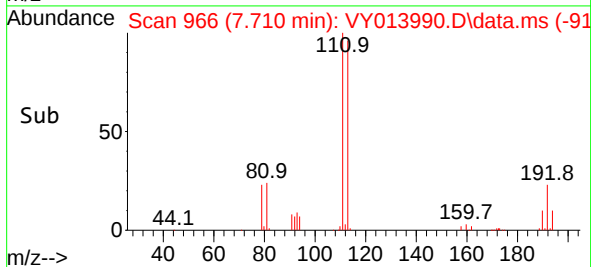
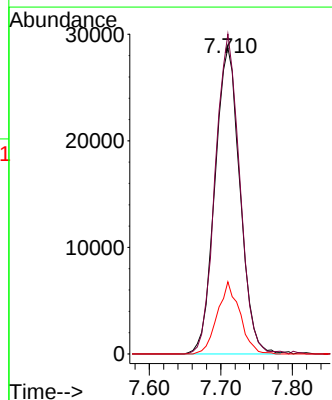
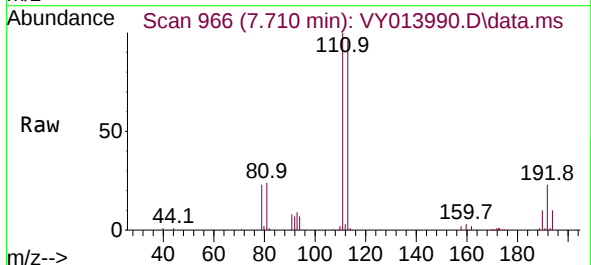
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

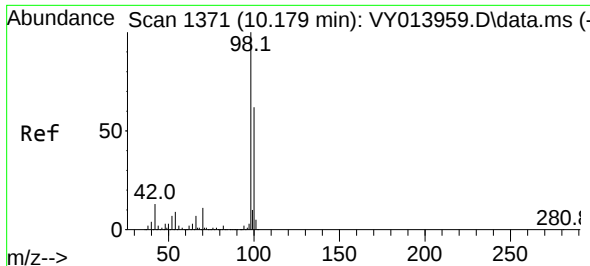
Tgt Ion:	114	Resp:	201465
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	15.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.558 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion:	113	Resp:	69853
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.3	121.9
192	21.2	16.9	25.3

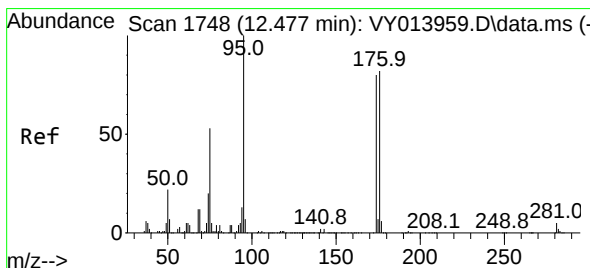
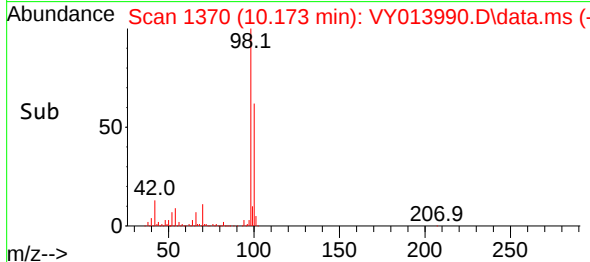
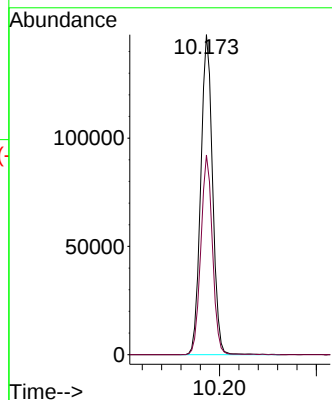
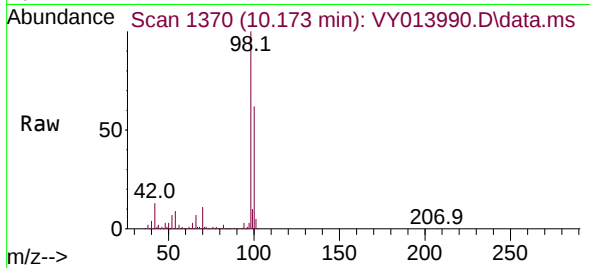




#50
Toluene-d8
Concen: 51.164 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

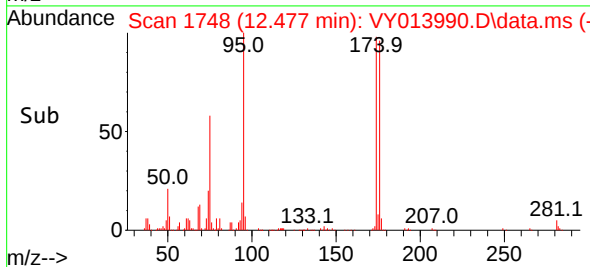
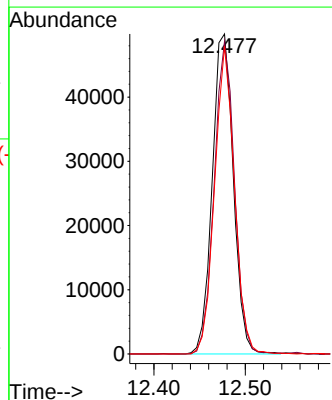
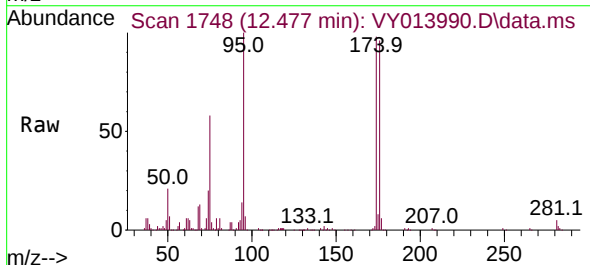
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

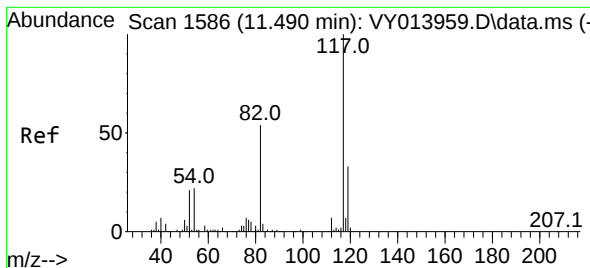
Tgt Ion: 98 Resp: 249873
Ion Ratio Lower Upper
98 100
100 61.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.002 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion: 95 Resp: 79921
Ion Ratio Lower Upper
95 100
174 94.0 0.0 178.2
176 90.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013990.D

Acq: 02 Jun 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-060123

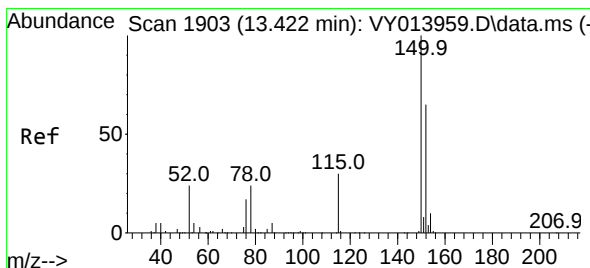
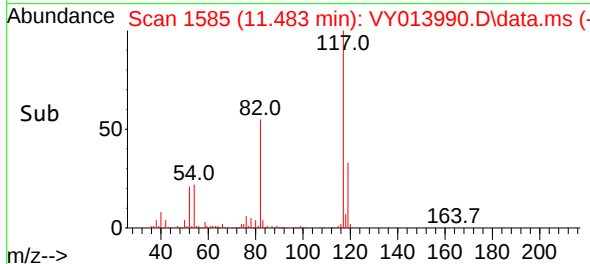
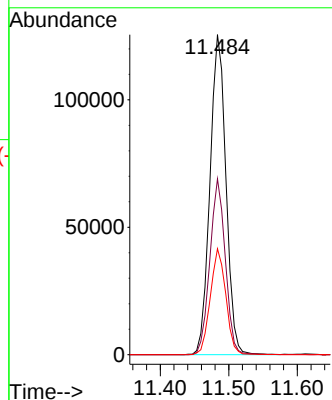
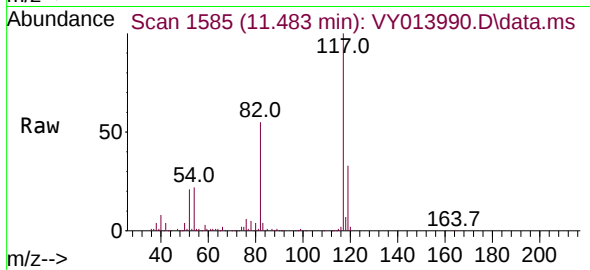
Tgt Ion:117 Resp: 204120

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013990.D

Acq: 02 Jun 2023 15:20

Tgt Ion:152 Resp: 92641

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 157.3 0.0 348.8

