

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014335.D
 Acq On : 21 Jun 2023 14:57
 Operator : KP/MD
 Sample : 03337-07
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9

Quant Time: Jun 22 01:57:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127066	49.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.722	113	97178	47.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.179	98	347043	45.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.483	95	113015	41.353	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.700%

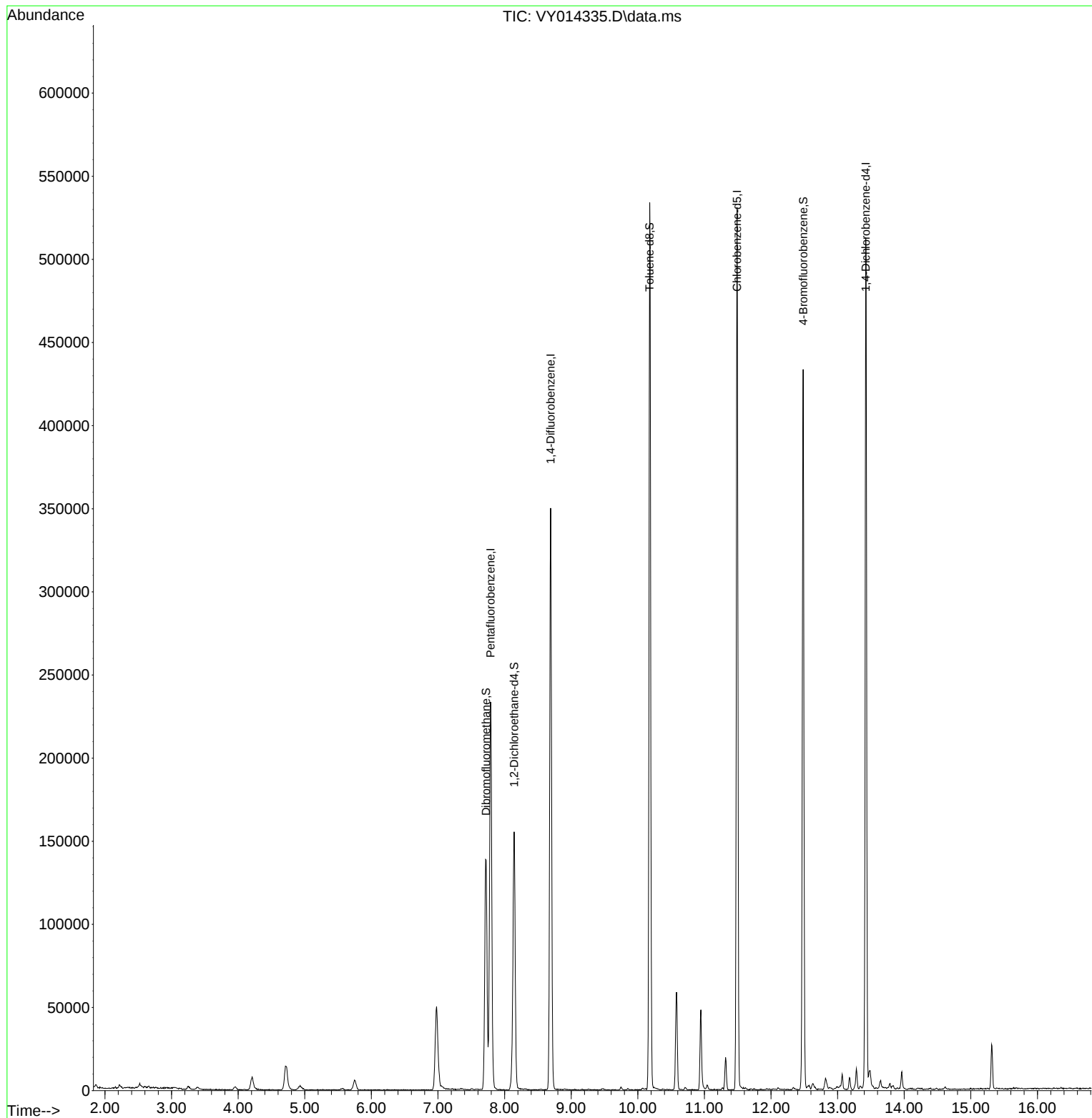
Target Compounds	Qvalue

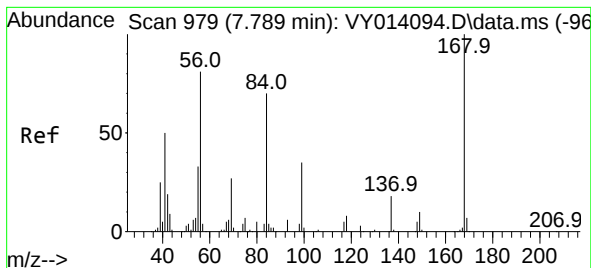
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY014335.D

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Instrument :

MSVOA_Y

ClientSampleId :

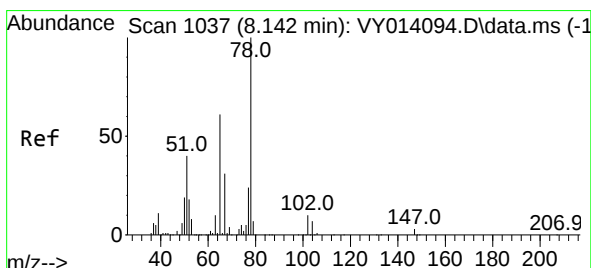
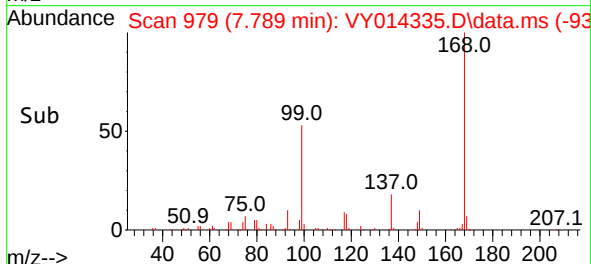
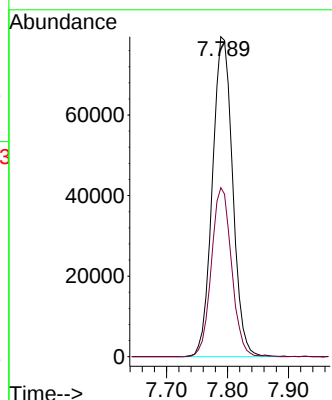
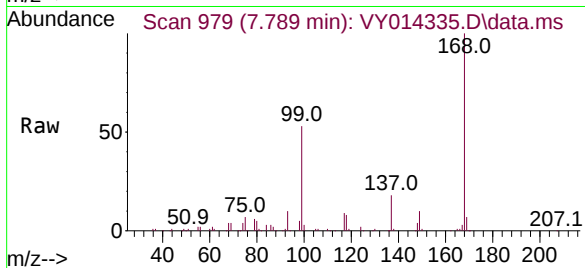
WC-9

Tgt Ion:168 Resp: 183731

Ion Ratio Lower Upper

168 100

99 52.8 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 49.665 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014335.D

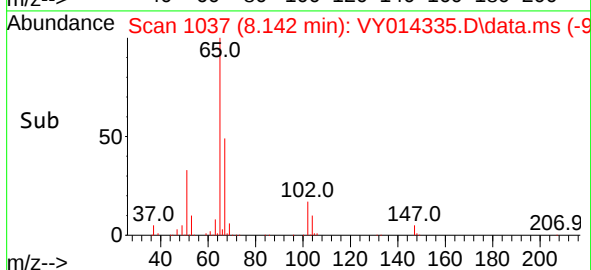
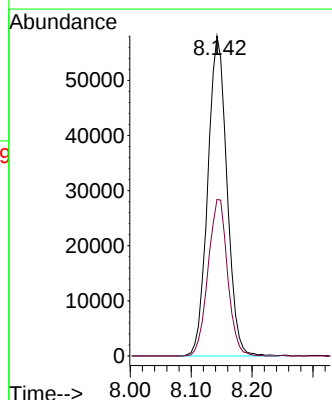
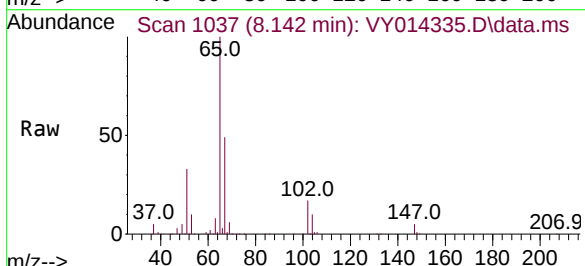
Acq: 21 Jun 2023 14:57

Tgt Ion: 65 Resp: 127066

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8

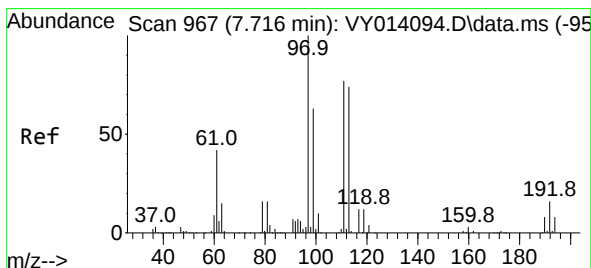
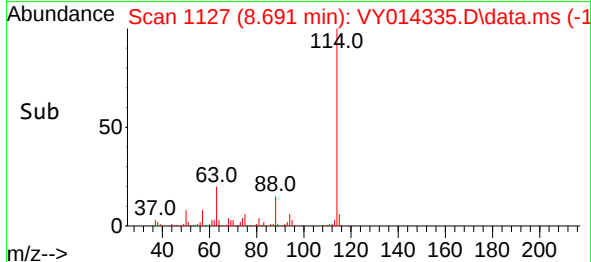
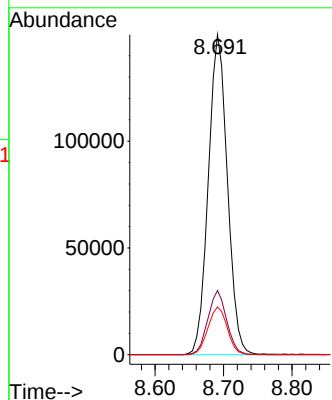
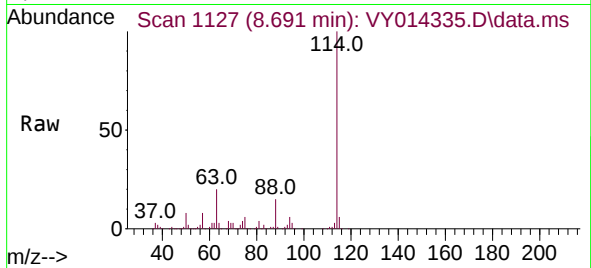




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

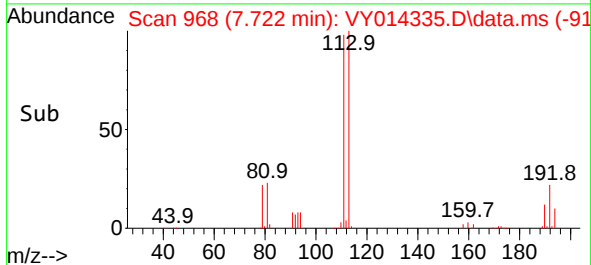
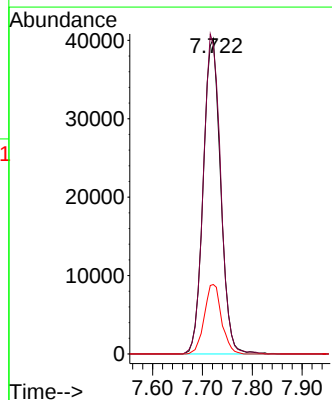
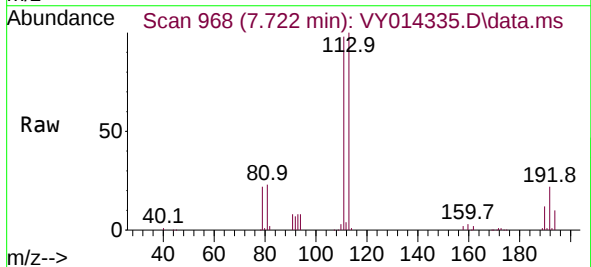
Instrument :
MSVOA_Y
ClientSampleId :
WC-9

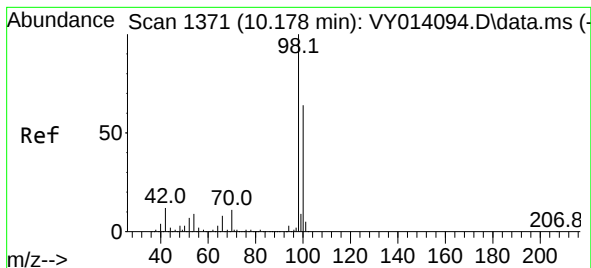
Tgt Ion:	114	Resp:	290175
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 47.223 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion:	113	Resp:	97178
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.3	121.9
192	21.8	16.9	25.3

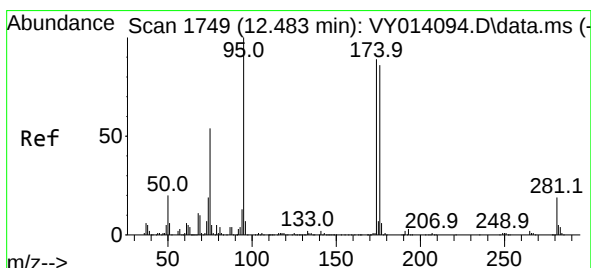
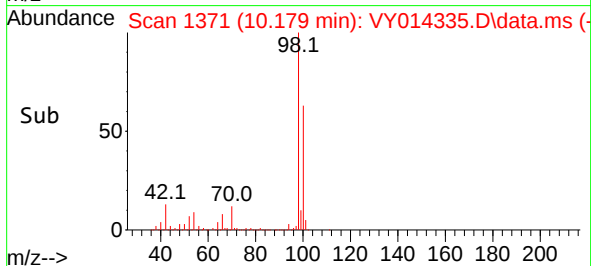
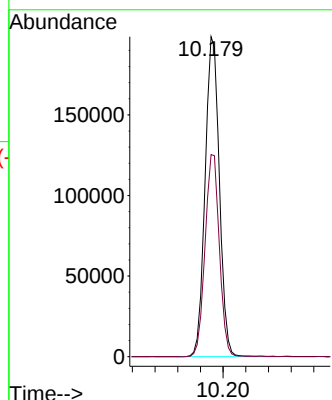
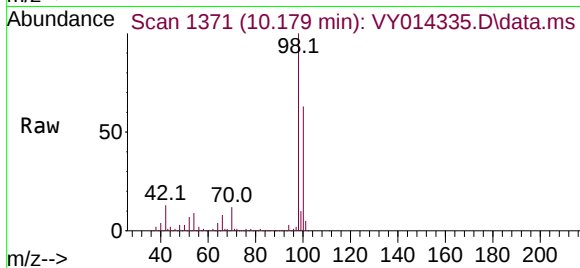




#50
Toluene-d8
Concen: 45.109 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

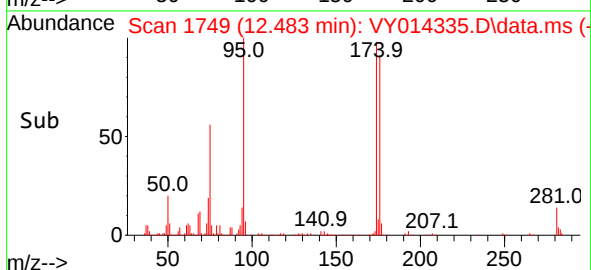
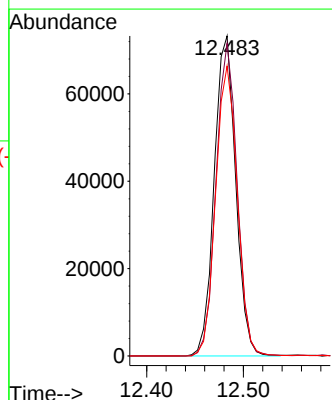
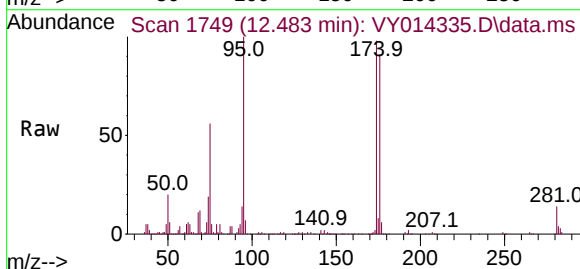
Instrument :
MSVOA_Y
ClientSampleId :
WC-9

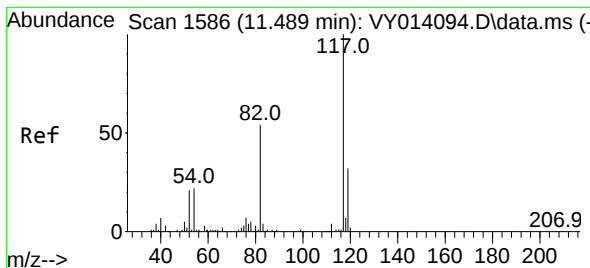
Tgt Ion: 98 Resp: 347043
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.353 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion: 95 Resp: 113015
Ion Ratio Lower Upper
95 100
174 95.7 0.0 178.2
176 91.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014335.D

Acq: 21 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-9

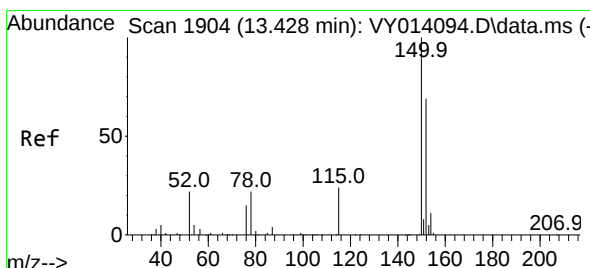
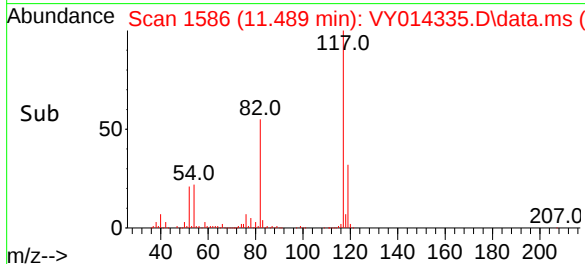
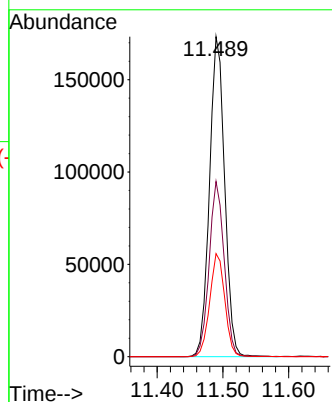
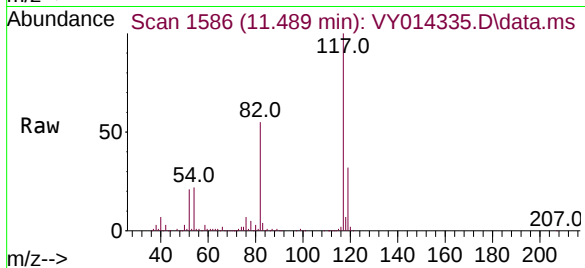
Tgt Ion:117 Resp: 278043

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014335.D

Acq: 21 Jun 2023 14:57

Tgt Ion:152 Resp: 131358

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.8 0.0 348.8

