

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014605.D
 Acq On : 07 Jul 2023 18:30
 Operator : KP/MD
 Sample : 03555-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240

Quant Time: Jul 08 03:48:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133071	63.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.020%
35) Dibromofluoromethane	7.716	113	114940	55.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.179	98	405622	49.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.477	95	107763	38.127	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.260%

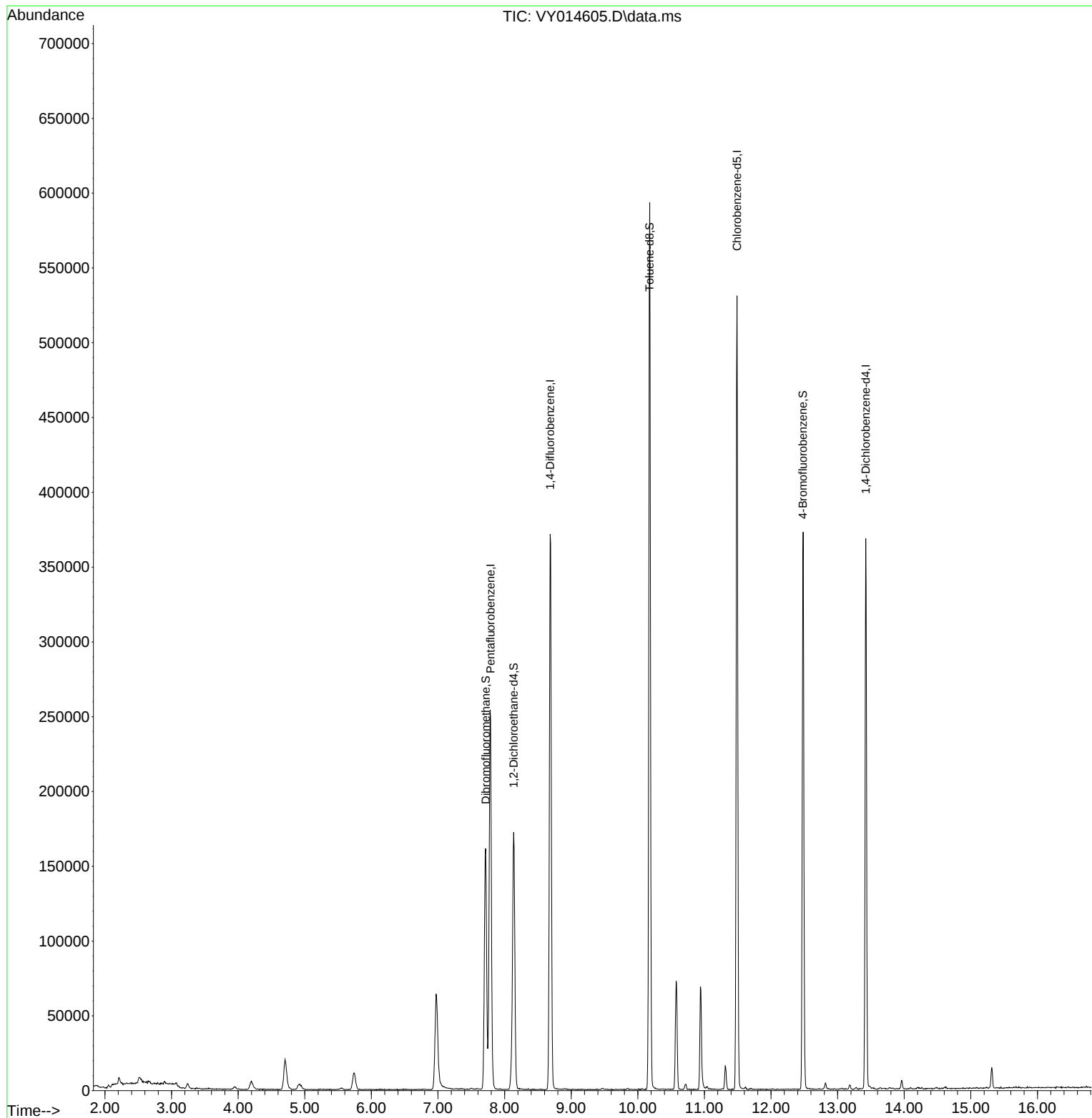
Target Compounds	Qvalue

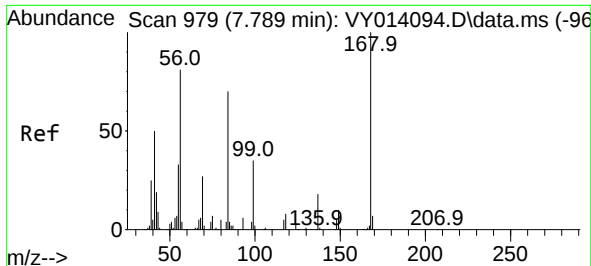
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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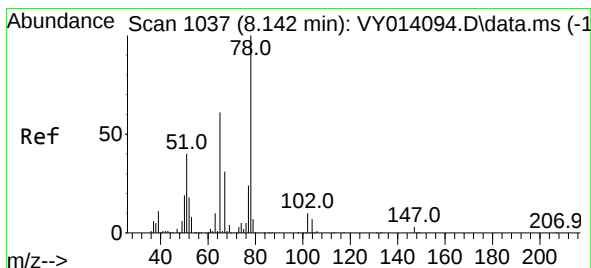
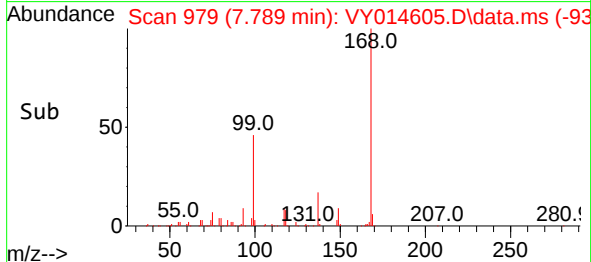
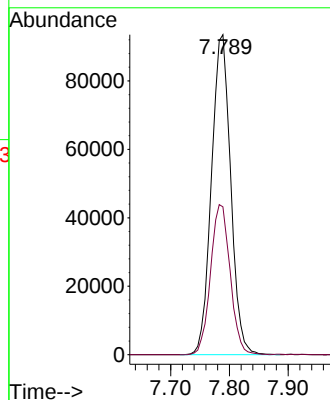
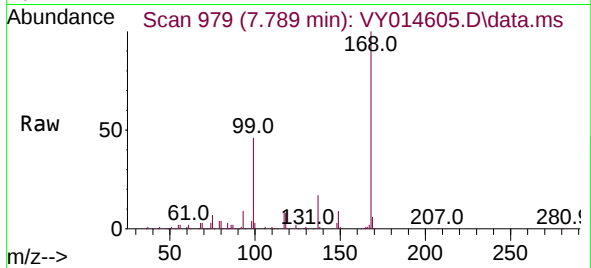




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014605.D
Acq: 07 Jul 2023 18:30

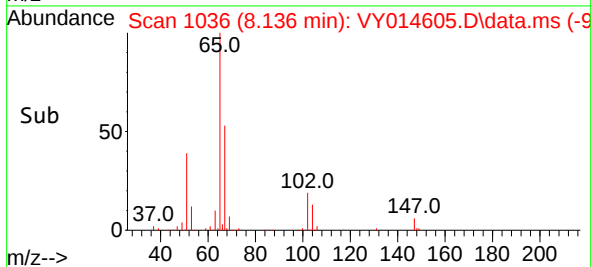
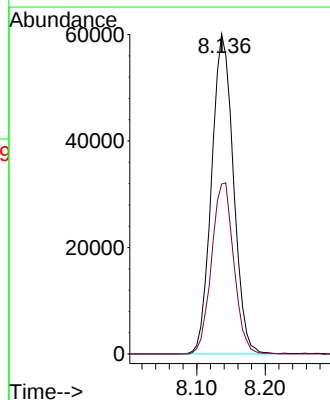
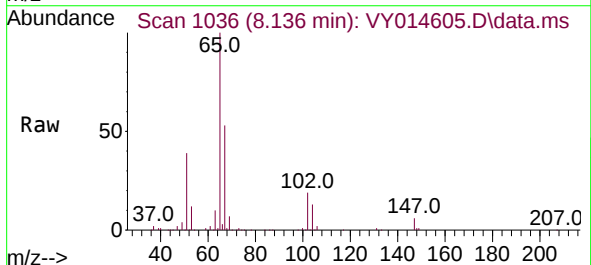
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion:168 Resp: 212313
Ion Ratio Lower Upper
168 100
99 46.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.005 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014605.D
Acq: 07 Jul 2023 18:30

Tgt Ion: 65 Resp: 133071
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8

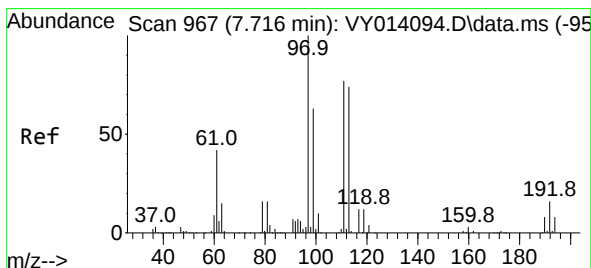
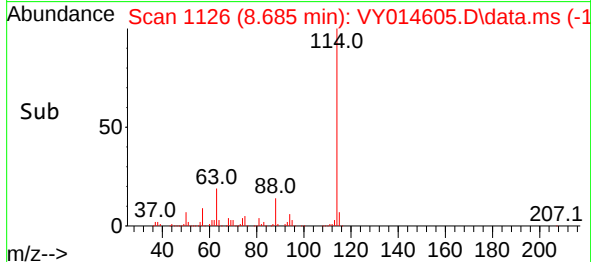
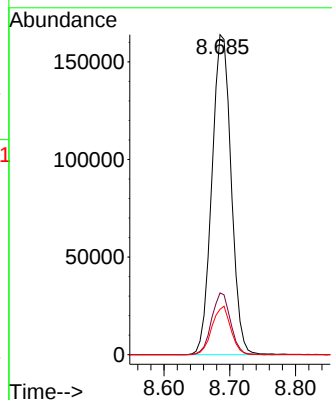
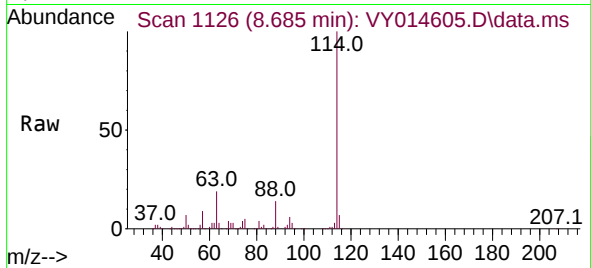




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014605.D
Acq: 07 Jul 2023 18:30

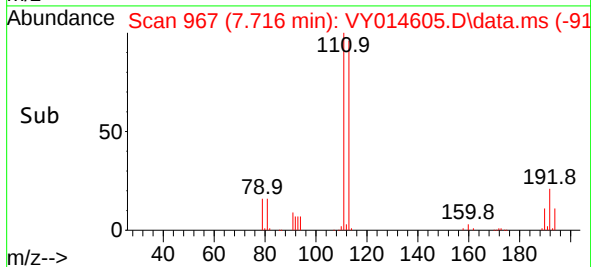
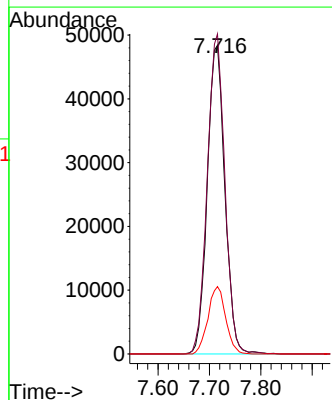
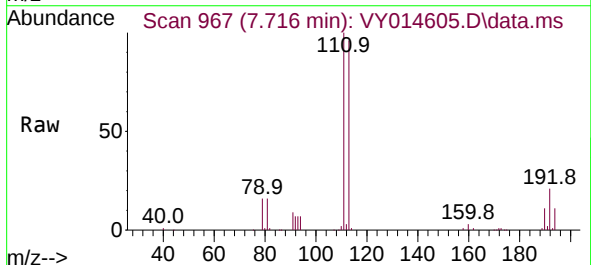
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

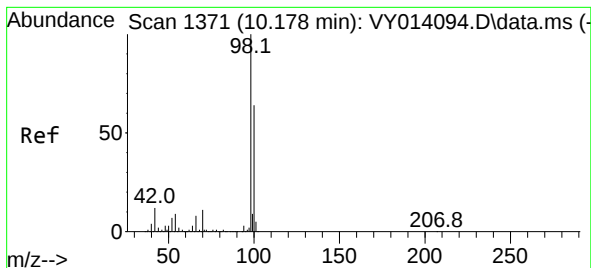
Tgt Ion:114 Resp: 334367
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.822 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014605.D
Acq: 07 Jul 2023 18:30

Tgt Ion:113 Resp: 114940
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 22.0 16.9 25.3





#50

Toluene-d8

Concen: 49.833 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014605.D

Acq: 07 Jul 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

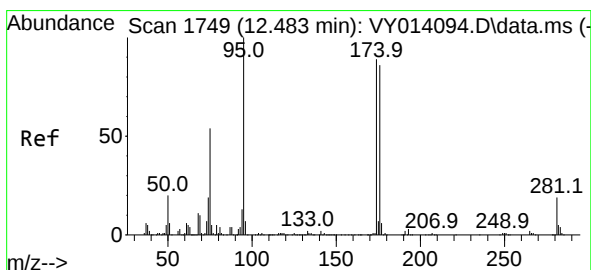
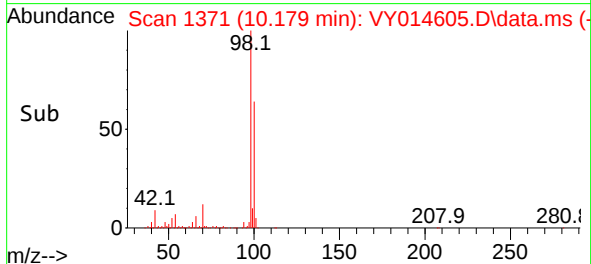
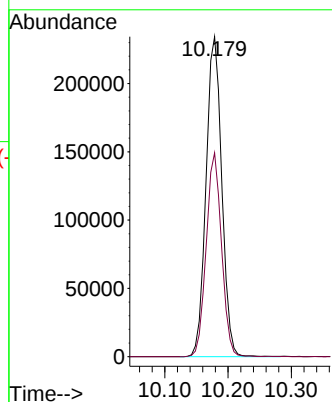
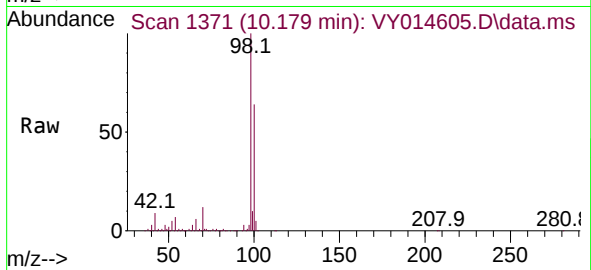
VNJ-240

Tgt Ion: 98 Resp: 405622

Ion Ratio Lower Upper

98 100

100 62.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 38.127 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014605.D

Acq: 07 Jul 2023 18:30

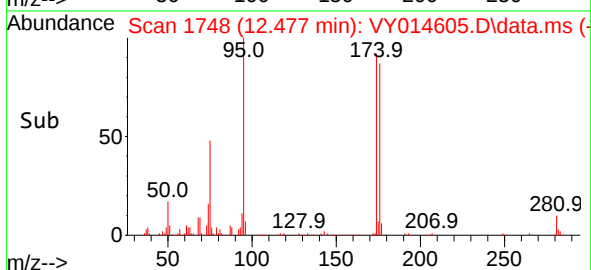
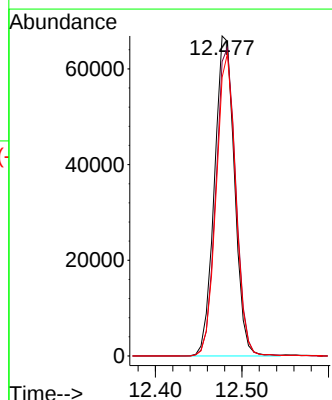
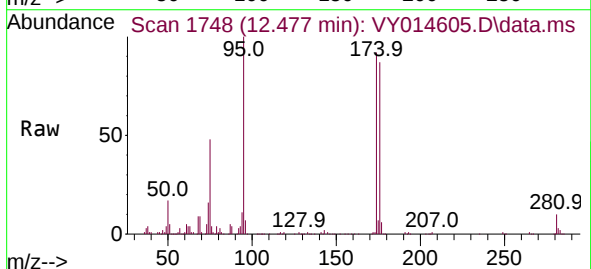
Tgt Ion: 95 Resp: 107763

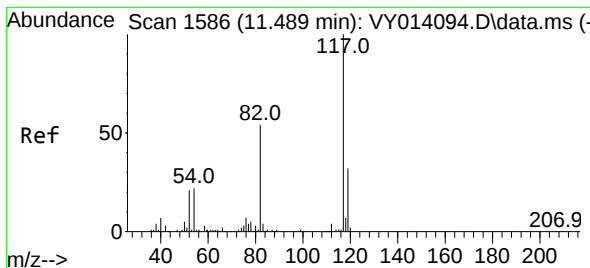
Ion Ratio Lower Upper

95 100

174 95.5 0.0 178.2

176 91.7 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: VY014605.D

Acq: 07 Jul 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-240

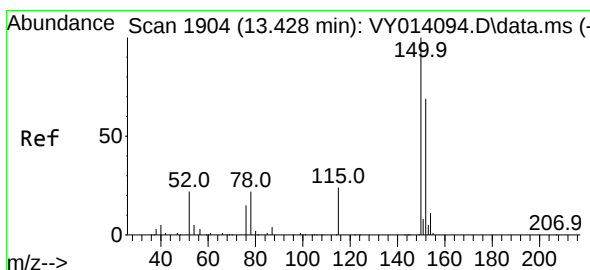
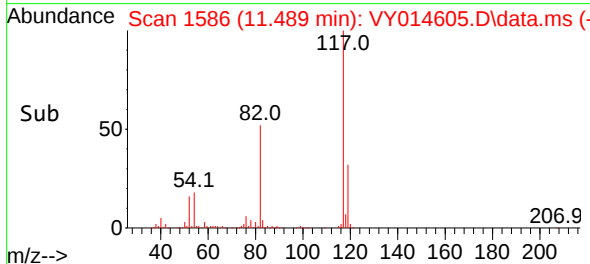
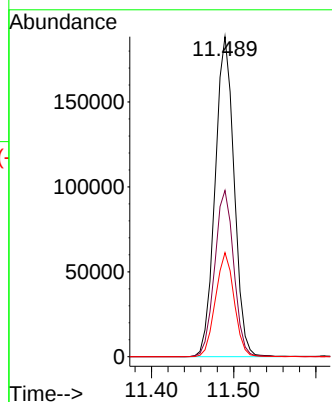
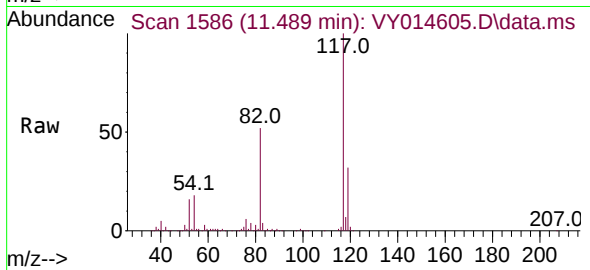
Tgt Ion:117 Resp: 302496

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 32.5 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: VY014605.D

Acq: 07 Jul 2023 18:30

Tgt Ion:152 Resp: 102923

Ion Ratio Lower Upper

152 100

115 53.1 28.8 86.5

150 155.2 0.0 348.8

