

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012659.D
 Acq On : 17 Feb 2023 18:26
 Operator : KP/MD
 Sample : 01581-01RE
 Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LEONIA-TRENCH-LINE

Quant Time: Feb 17 22:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	153502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	255620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91445	46.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.700%
35) Dibromofluoromethane	7.716	113	75743	40.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.380%
50) Toluene-d8	10.179	98	303348	39.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.300%
62) 4-Bromofluorobenzene	12.483	95	106259	39.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.640%

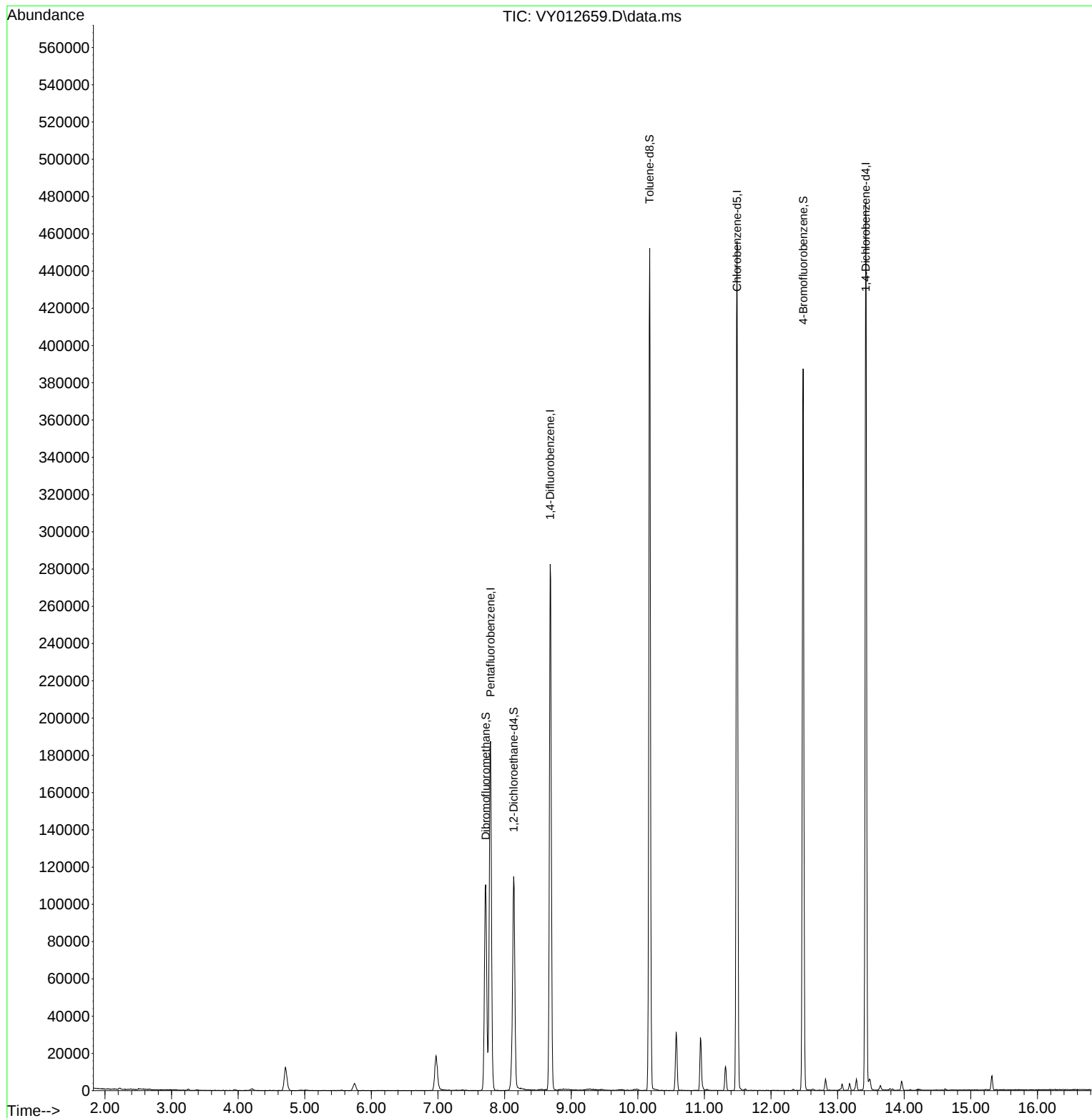
Target Compounds	Qvalue

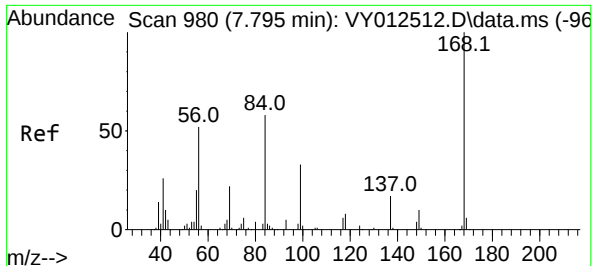
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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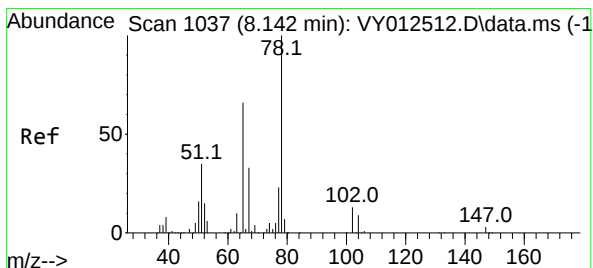
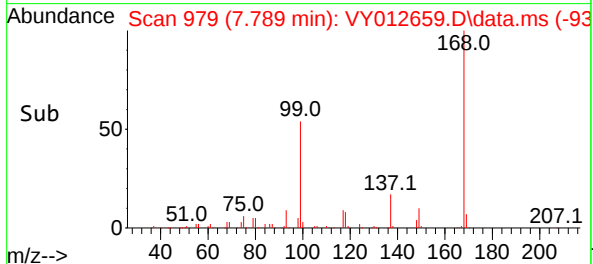
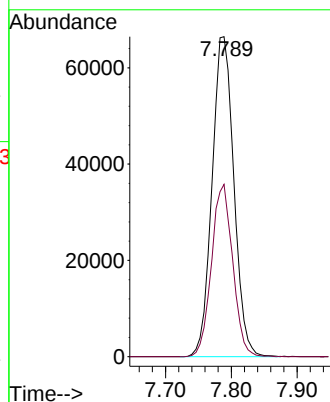
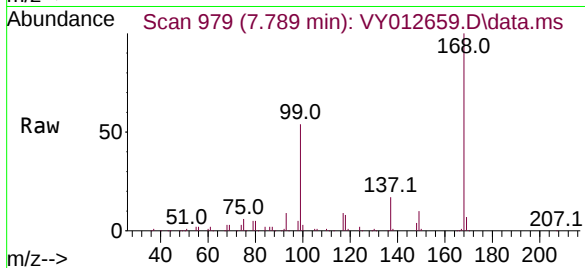




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012659.D
Acq: 17 Feb 2023 18:26

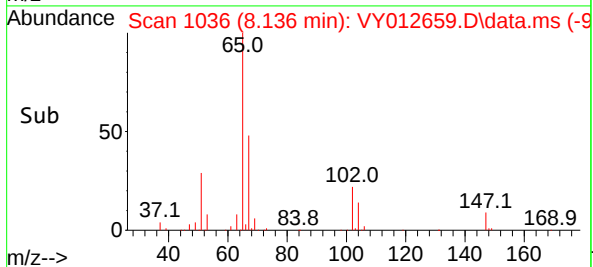
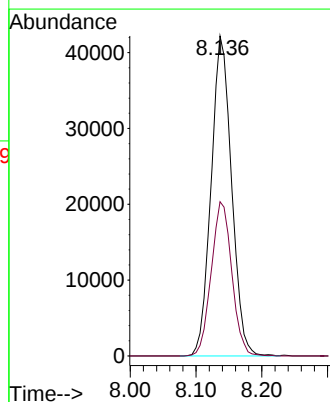
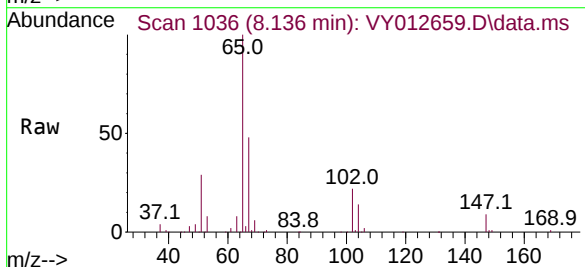
Instrument :
MSVOA_Y
ClientSampleId :
LEONIA-TRENCH-LINE

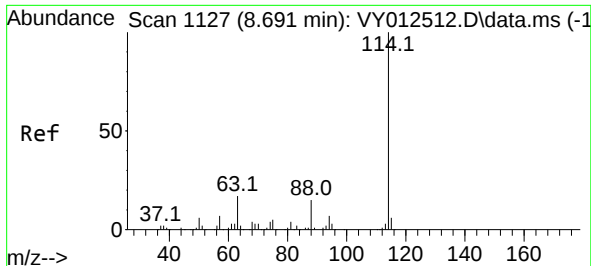
Tgt Ion:168 Resp: 153502
Ion Ratio Lower Upper
168 100
99 53.9 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 46.848 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012659.D
Acq: 17 Feb 2023 18:26

Tgt Ion: 65 Resp: 91445
Ion Ratio Lower Upper
65 100
67 48.4 0.0 98.6

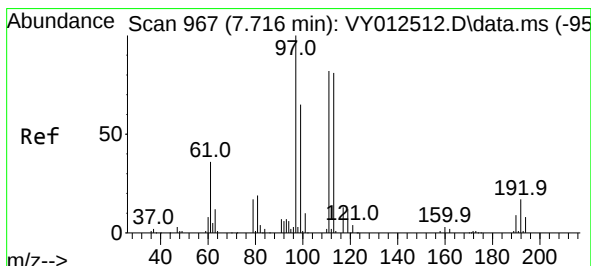
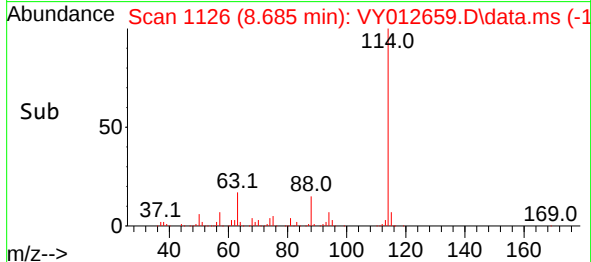
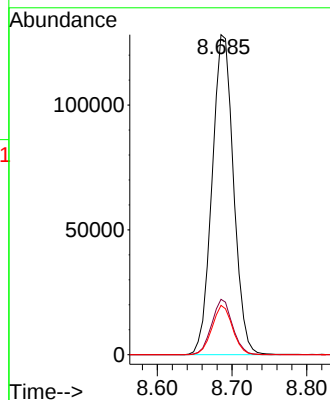
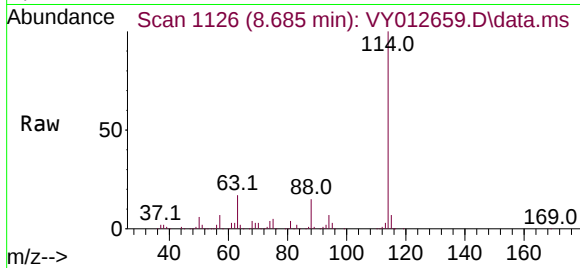




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY012659.D
Acq: 17 Feb 2023 18:26

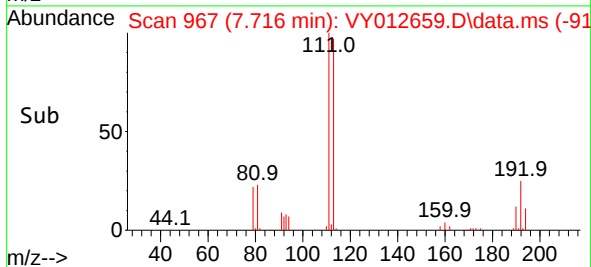
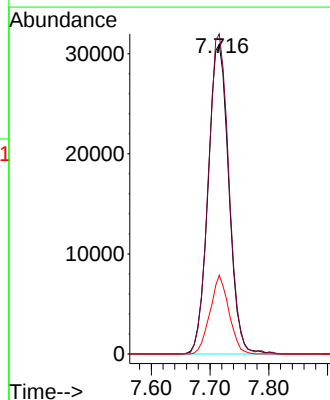
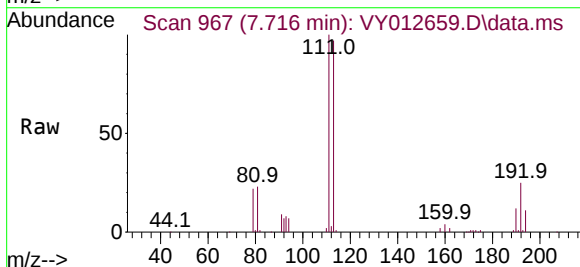
Instrument :
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LEONIA-TRENCH-LINE

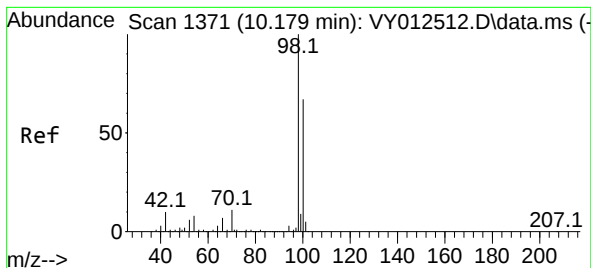
Tgt Ion:114	Resp:	255620
Ion Ratio	Lower	Upper
114	100	
63	17.3	0.0 33.6
88	15.4	0.0 29.8



#35
Dibromofluoromethane
Concen: 40.688 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012659.D
Acq: 17 Feb 2023 18:26

Tgt Ion:113	Resp:	75743
Ion Ratio	Lower	Upper
113	100	
111	102.5	81.9 122.9
192	23.1	17.5 26.3





#50

Toluene-d8

Concen: 39.150 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012659.D

Acq: 17 Feb 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

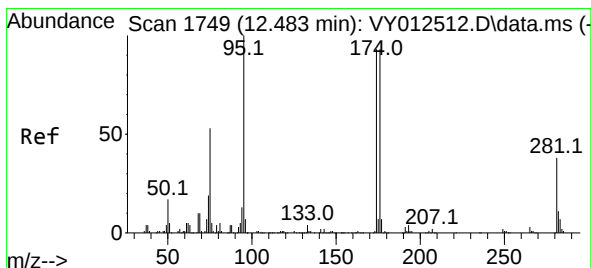
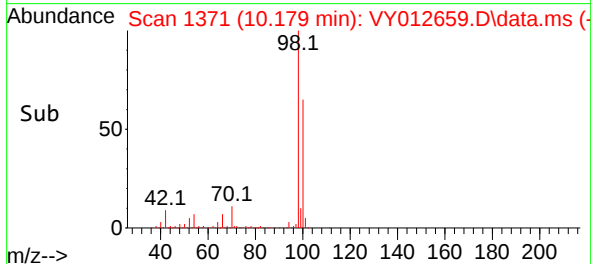
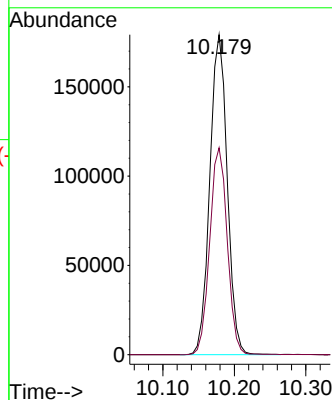
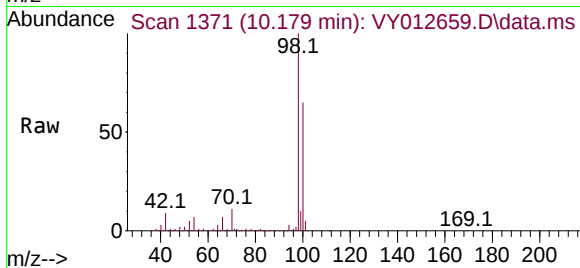
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Tgt Ion: 98 Resp: 303348

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 39.316 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012659.D

Acq: 17 Feb 2023 18:26

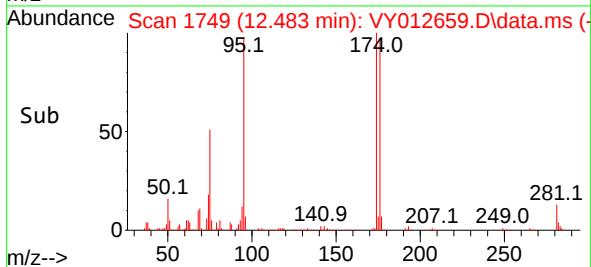
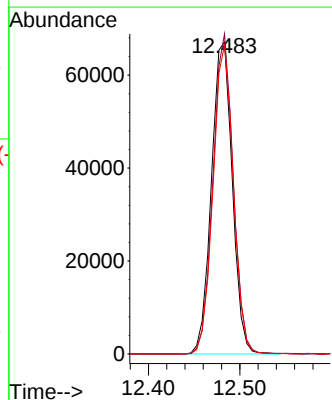
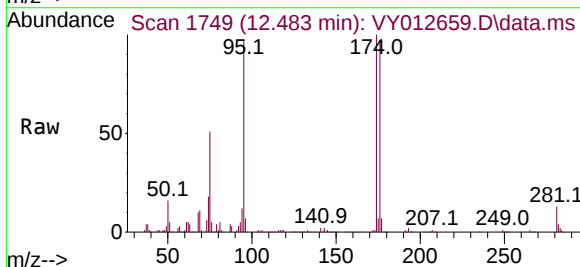
Tgt Ion: 95 Resp: 106259

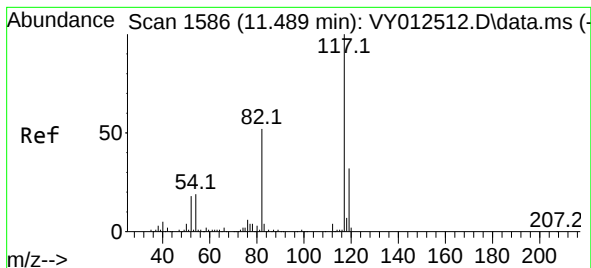
Ion Ratio Lower Upper

95 100

174 99.6 0.0 188.0

176 96.2 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012659.D

Acq: 17 Feb 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

LEONIA-TRENCH-LINE

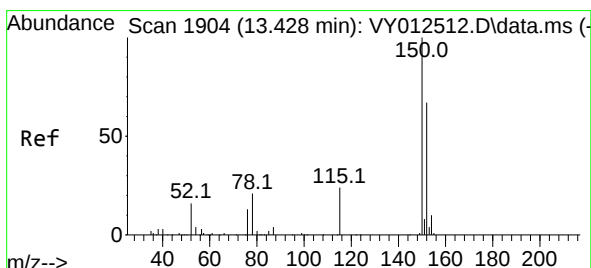
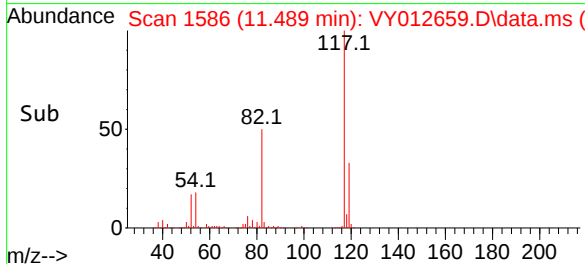
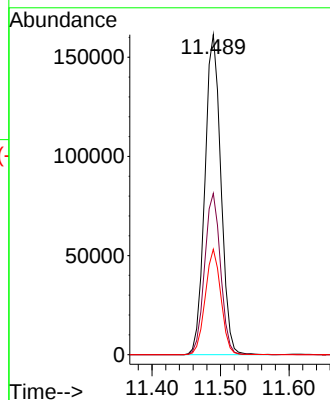
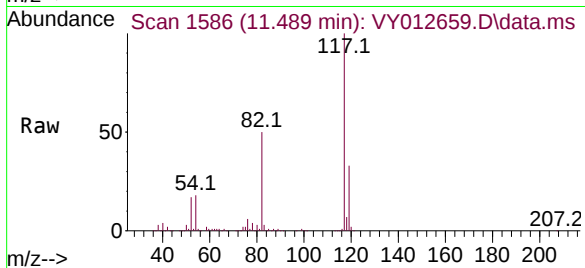
Tgt Ion:117 Resp: 262582

Ion Ratio Lower Upper

117 100

82 50.4 41.7 62.5

119 33.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012659.D

Acq: 17 Feb 2023 18:26

Tgt Ion:152 Resp: 133435

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.3

150 156.1 0.0 351.0

