

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009970.D
 Acq On : 11 Aug 2022 17:43
 Operator : KP/MD
 Sample : N4126-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-080922

Quant Time: Aug 12 02:50:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	60599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	125552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27496	59.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.710	113	25345	35.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.180%
50) Toluene-d8	10.173	98	92226	42.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.640%
62) 4-Bromofluorobenzene	12.477	95	29469	29.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.040%

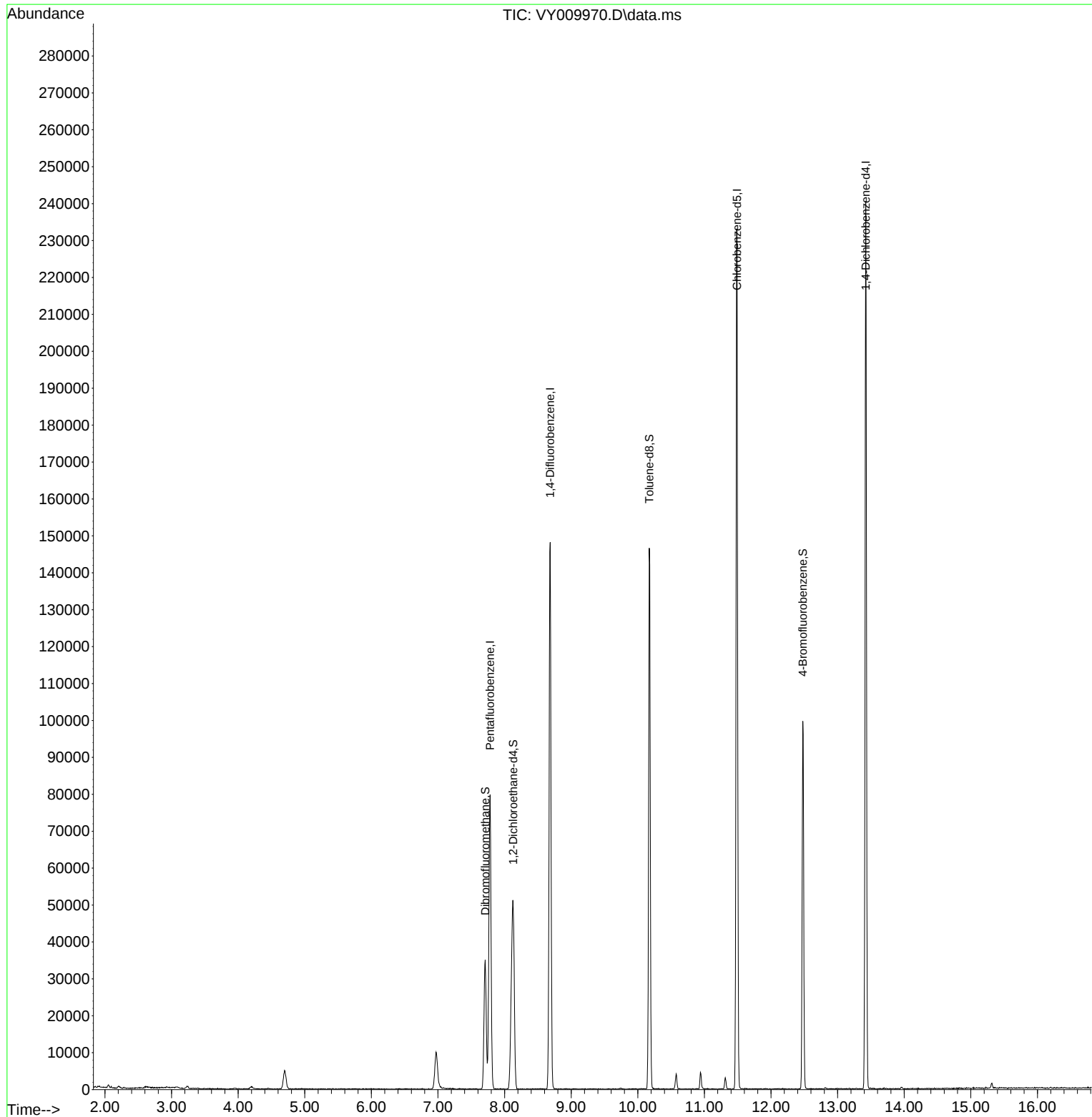
Target Compounds	Qvalue

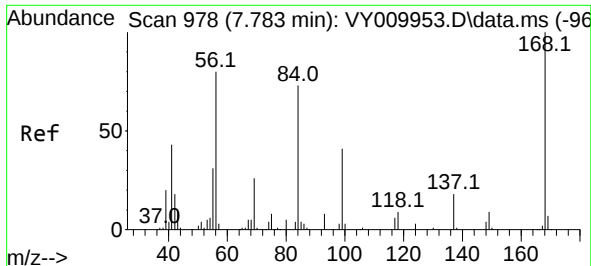
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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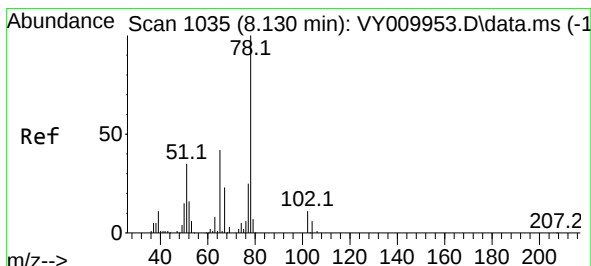
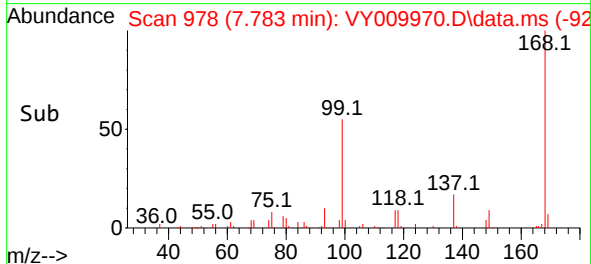
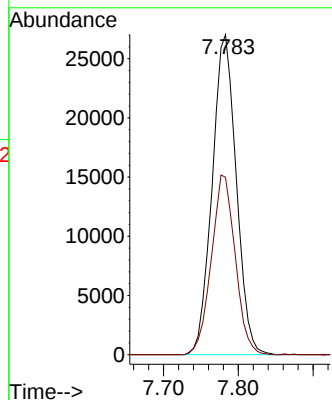
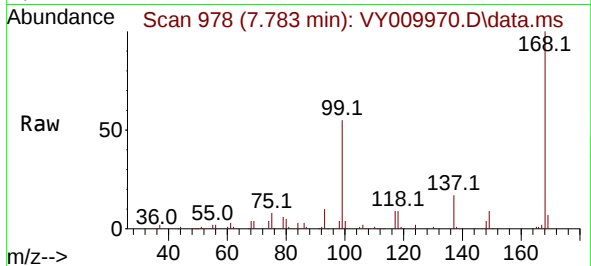




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

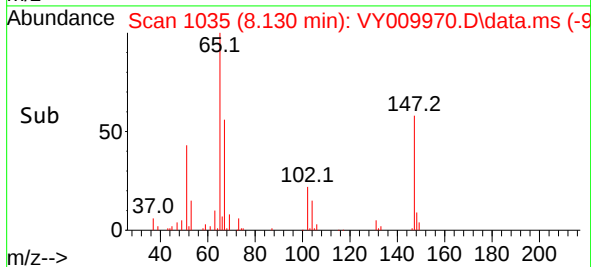
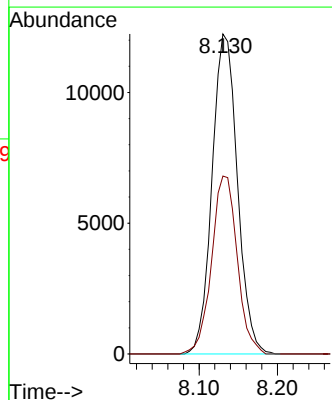
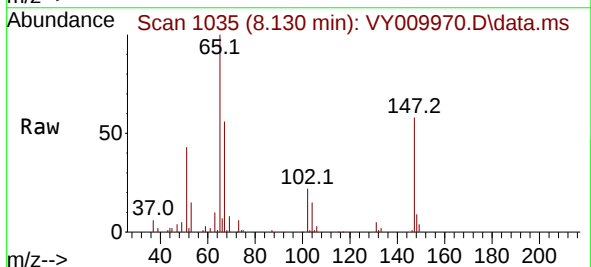
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-080922

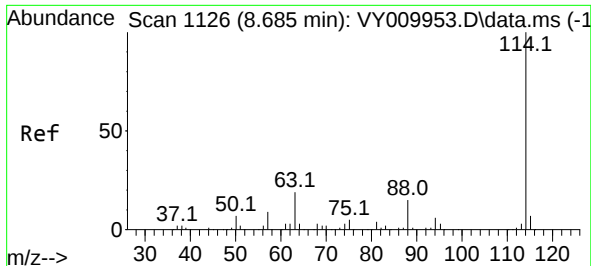
Tgt Ion:168 Resp: 60599
Ion Ratio Lower Upper
168 100
99 55.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 59.403 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Tgt Ion: 65 Resp: 27496
Ion Ratio Lower Upper
65 100
67 56.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-080922

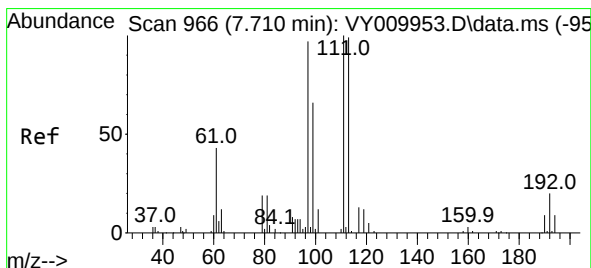
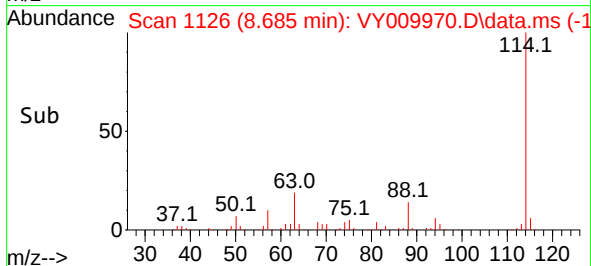
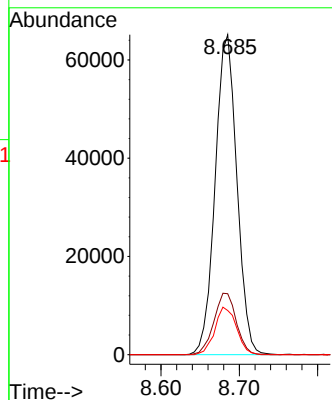
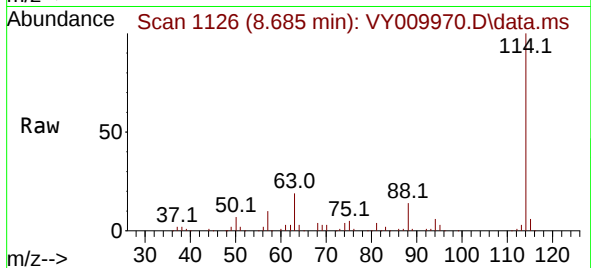
Tgt Ion:114 Resp: 125552

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

88 13.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 35.085 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

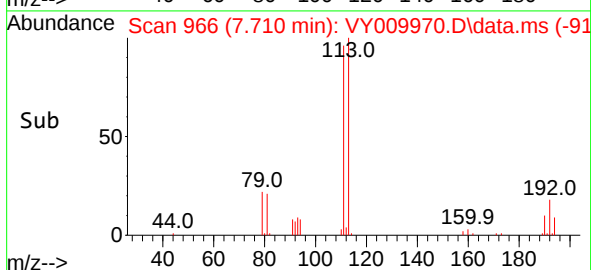
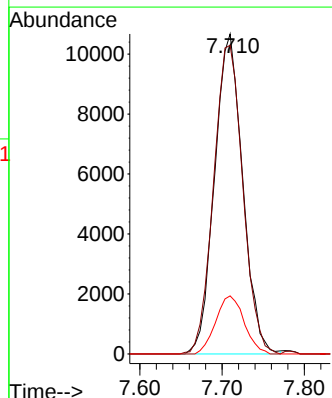
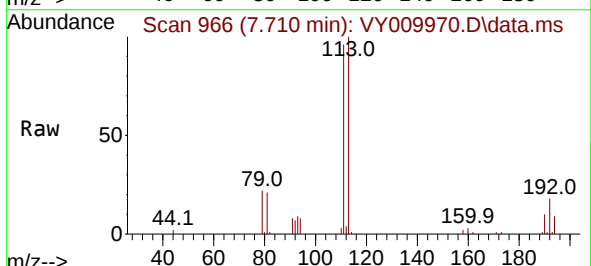
Tgt Ion:113 Resp: 25345

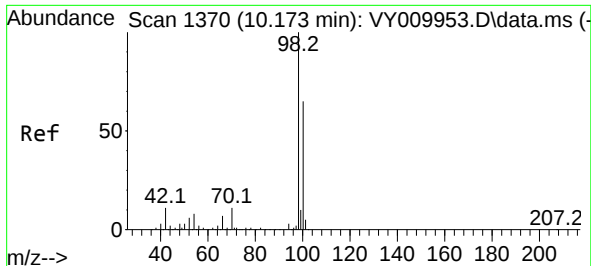
Ion Ratio Lower Upper

113 100

111 100.1 80.6 120.8

192 18.4 16.2 24.4

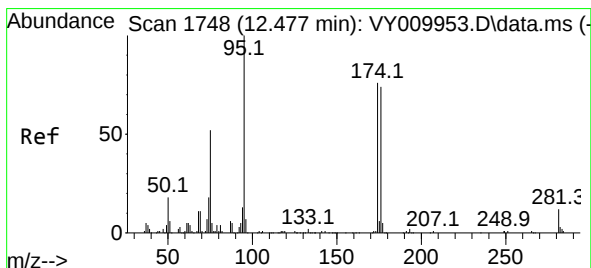
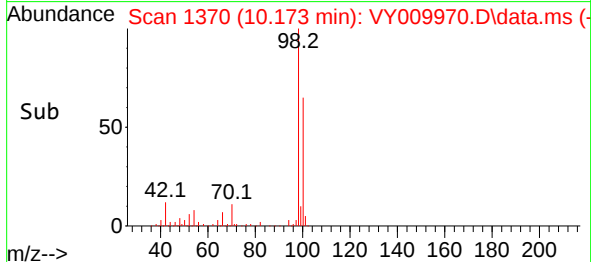
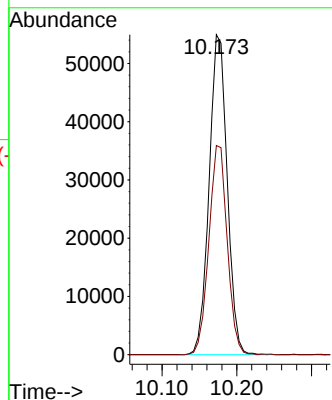
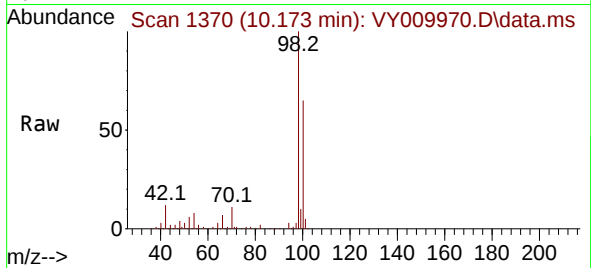




#50
Toluene-d8
Concen: 42.817 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

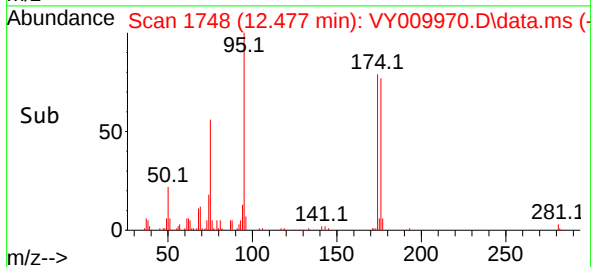
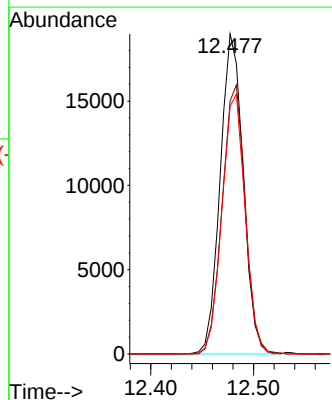
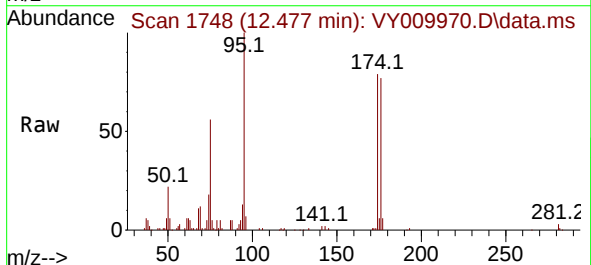
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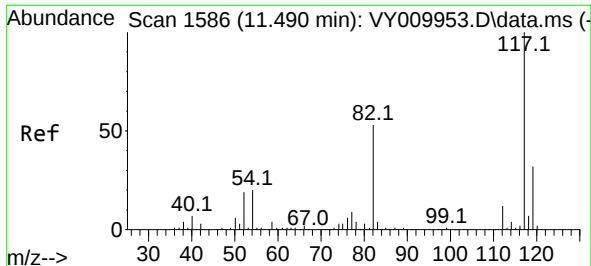
Tgt Ion: 98 Resp: 92226
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.017 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Tgt Ion: 95 Resp: 29469
Ion Ratio Lower Upper
95 100
174 84.7 0.0 173.8
176 81.7 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-080922

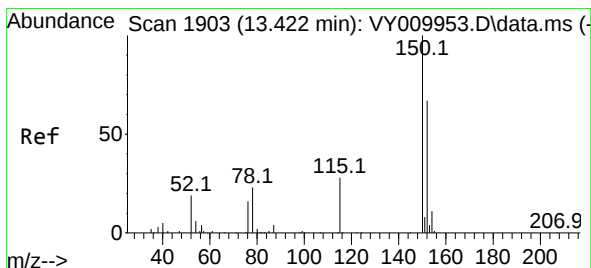
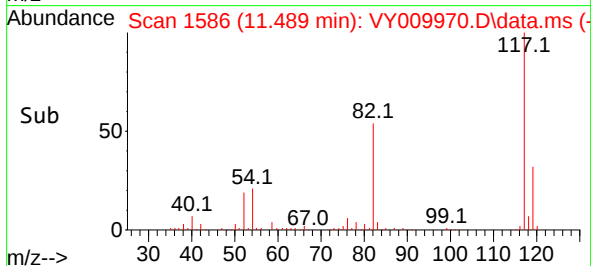
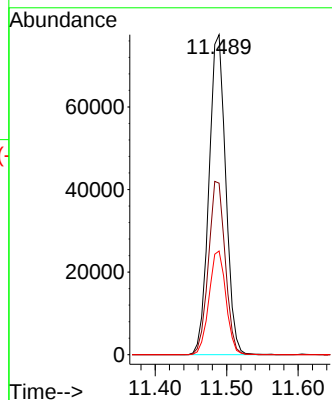
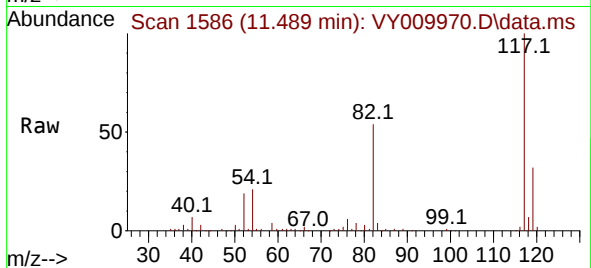
Tgt Ion:117 Resp: 125978

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.6

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

Tgt Ion:152 Resp: 57737

Ion Ratio Lower Upper

152 100

115 58.2 28.6 85.9

150 159.2 0.0 349.8

