

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016341.D
 Acq On : 14 Nov 2023 12:11
 Operator : SY/MD
 Sample : 05385-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-11102023

Quant Time: Nov 14 19:02:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	10409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	15989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	12893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	4851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	4454	46.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.728	113	4183	46.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.100%
50) Toluene-d8	10.191	98	18142	49.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.489	95	4741	39.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.260%

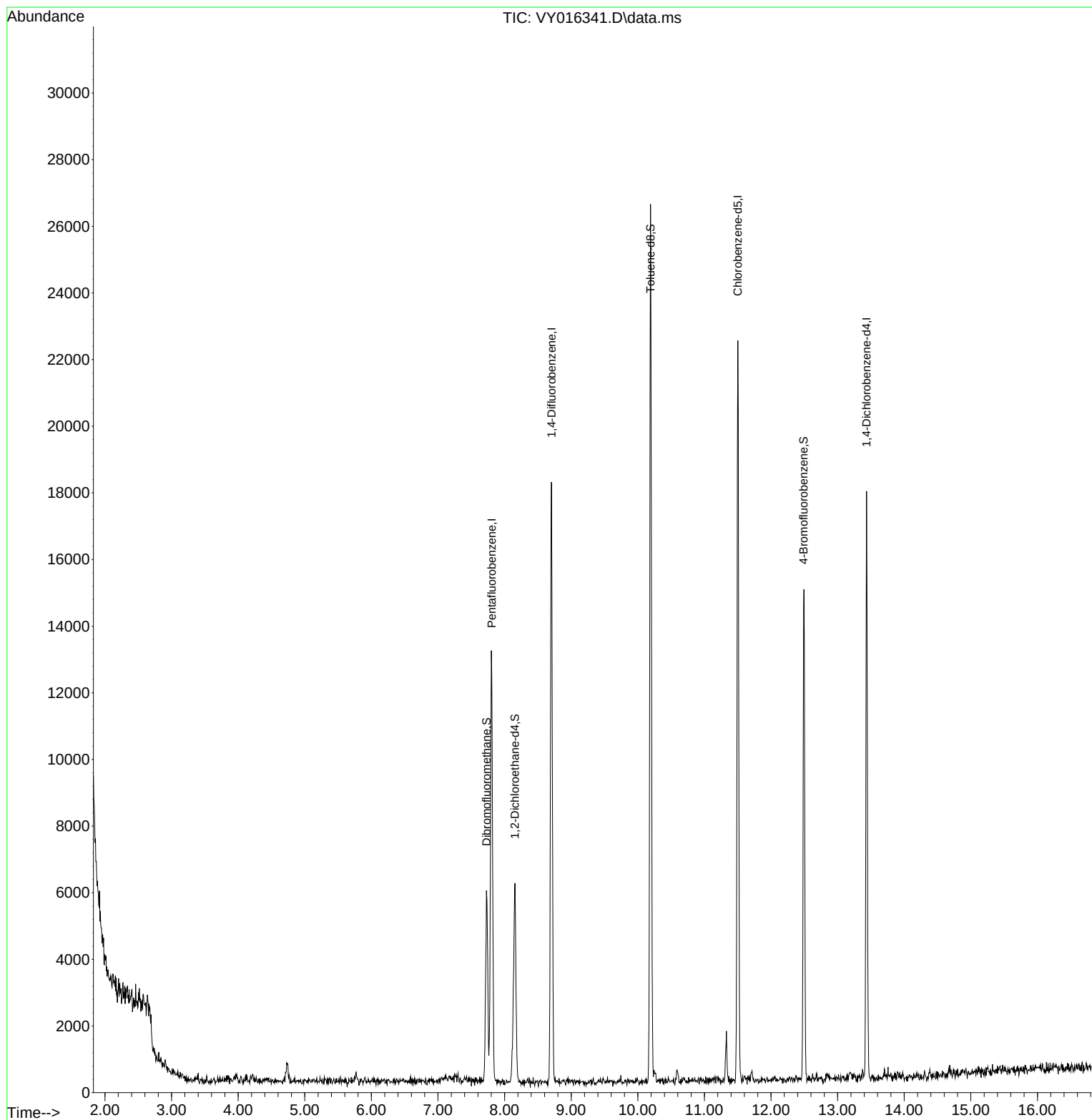
Target Compounds	Qvalue

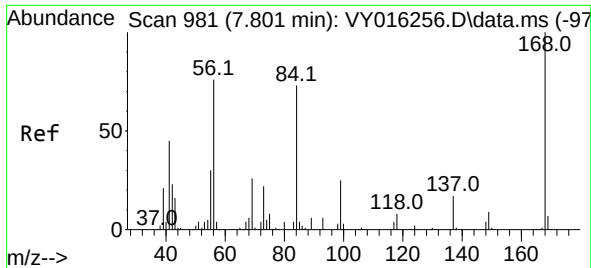
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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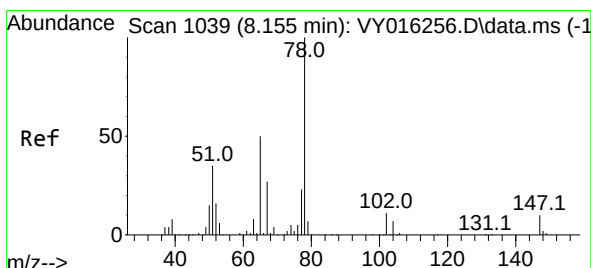
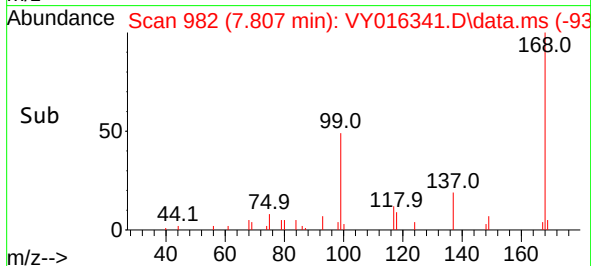
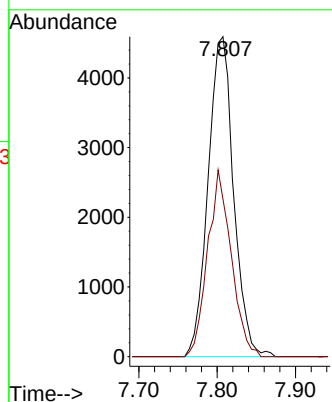
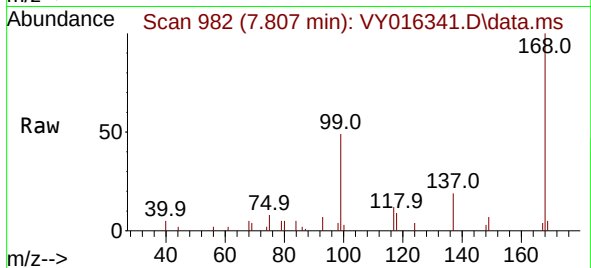




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

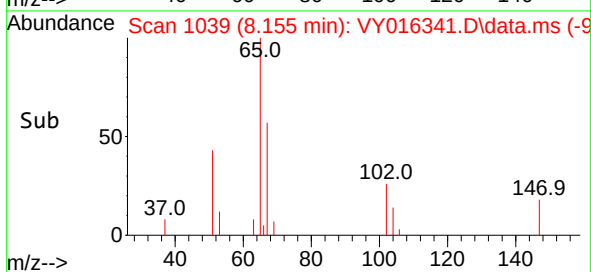
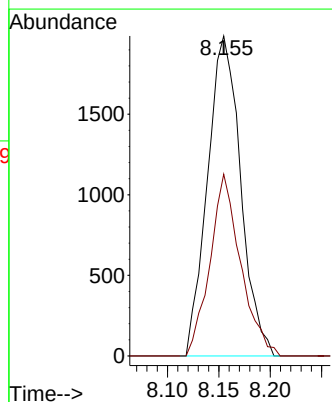
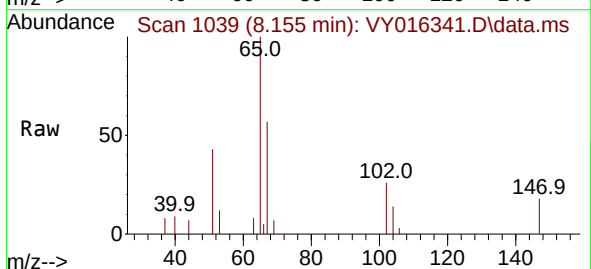
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-11102023

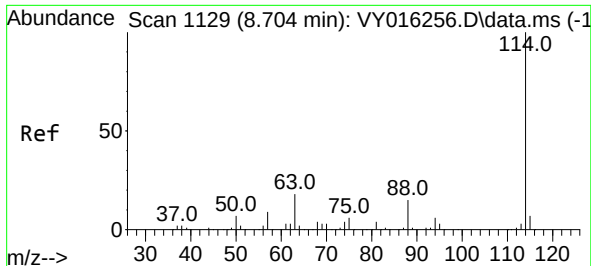
Tgt Ion:168 Resp: 10409
Ion Ratio Lower Upper
168 100
99 49.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 46.818 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Tgt Ion: 65 Resp: 4454
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

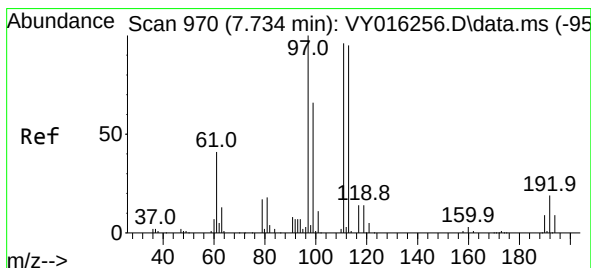
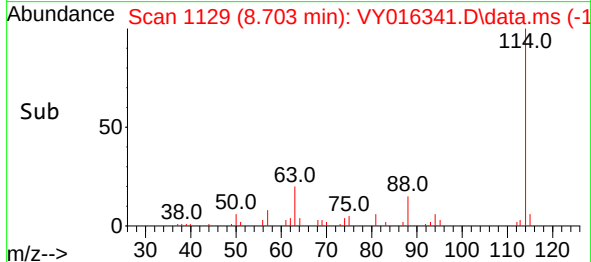
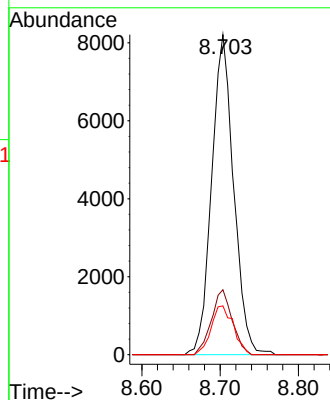
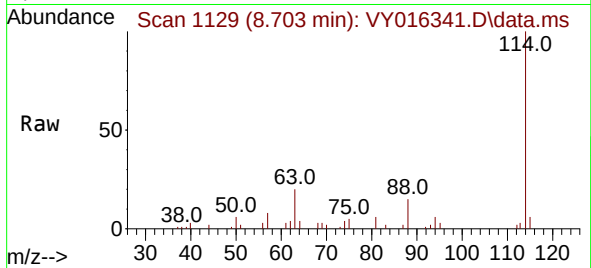




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

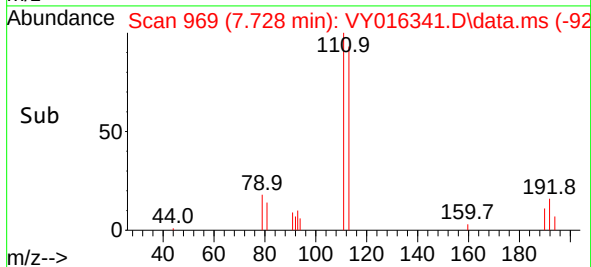
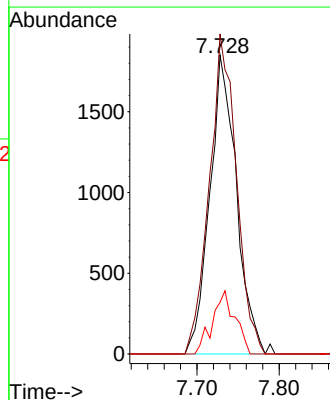
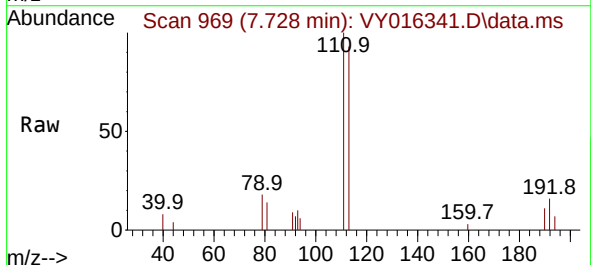
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-11102023

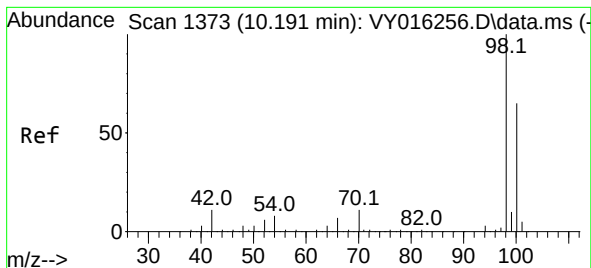
Tgt Ion:114	Resp:	15989
Ion	Ratio	Lower Upper
114	100	
63	20.3	0.0 42.4
88	15.3	0.0 30.6



#35
Dibromofluoromethane
Concen: 46.054 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Tgt Ion:113	Resp:	4183
Ion	Ratio	Lower Upper
113	100	
111	108.3	81.3 121.9
192	17.8	16.9 25.3





#50

Toluene-d8

Concen: 49.255 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016341.D

Acq: 14 Nov 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

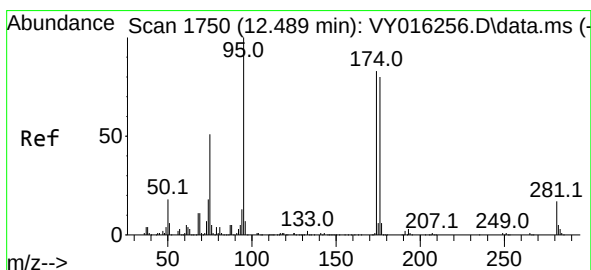
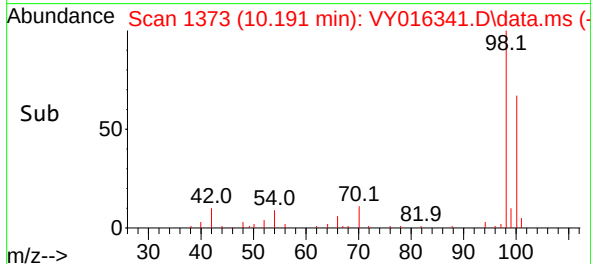
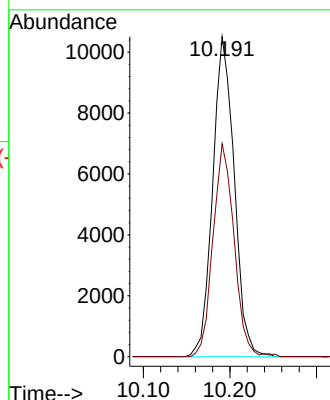
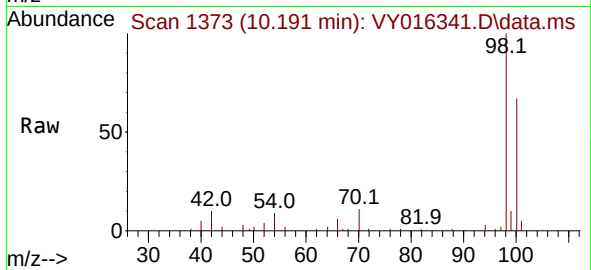
HR-02-11102023

Tgt Ion: 98 Resp: 18142

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.632 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016341.D

Acq: 14 Nov 2023 12:11

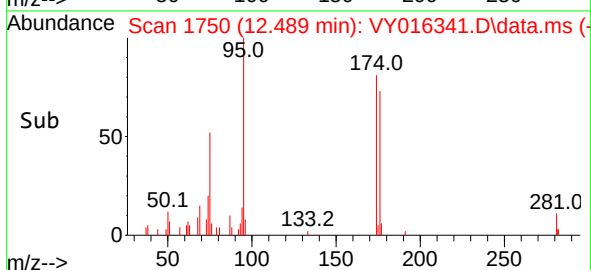
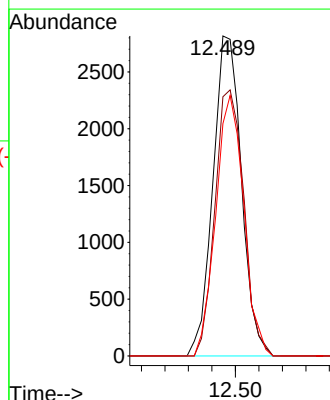
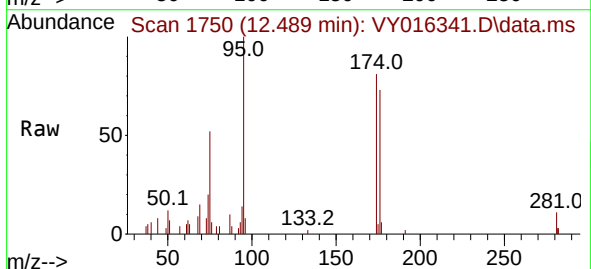
Tgt Ion: 95 Resp: 4741

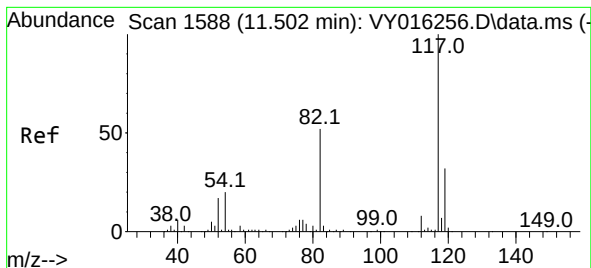
Ion Ratio Lower Upper

95 100

174 84.1 0.0 178.2

176 79.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016341.D

Acq: 14 Nov 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-11102023

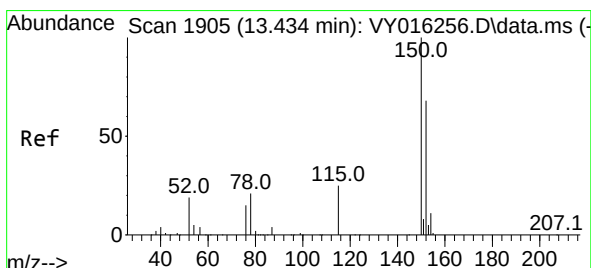
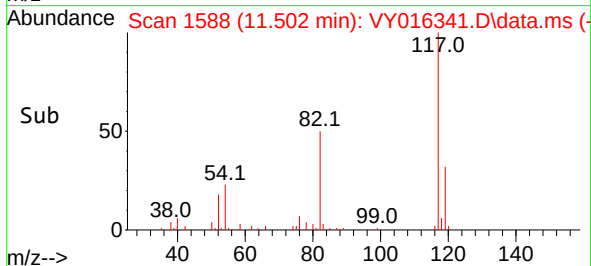
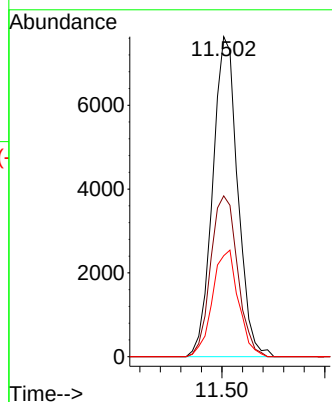
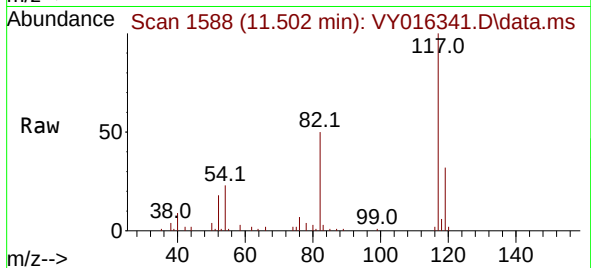
Tgt Ion:117 Resp: 12893

Ion Ratio Lower Upper

117 100

82 50.3 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016341.D

Acq: 14 Nov 2023 12:11

Tgt Ion:152 Resp: 4851

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 154.9 0.0 348.8

