

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015919.D
 Acq On : 11 Oct 2023 13:24
 Operator : SY/MD
 Sample : 04801-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-2-100623RE

Quant Time: Oct 11 14:24:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	43140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	71133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22139	57.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.060%
35) Dibromofluoromethane	7.722	113	22889	57.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.380%
50) Toluene-d8	10.179	98	83961	64.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	128.420%
62) 4-Bromofluorobenzene	12.483	95	26863	50.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.160%

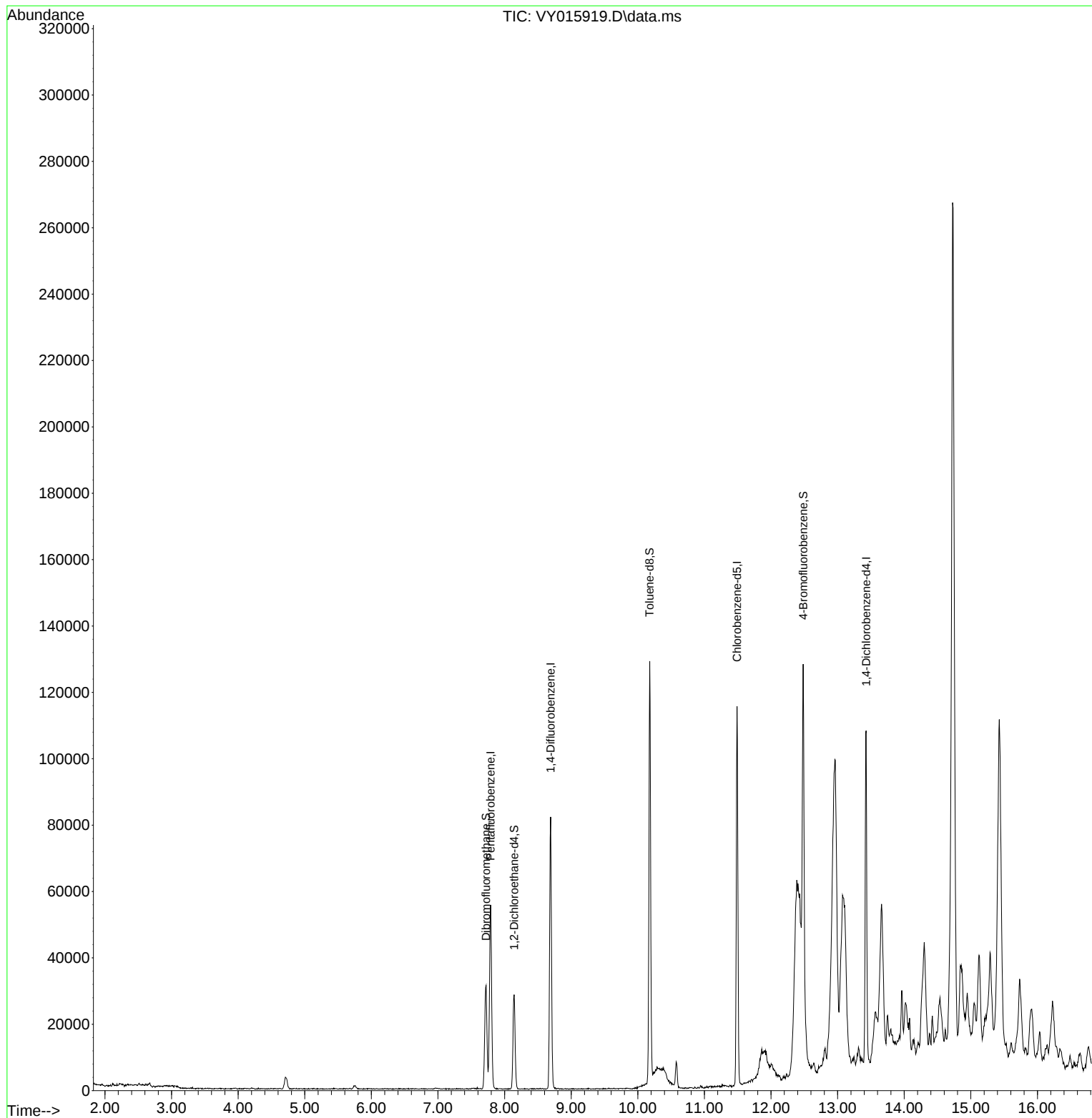
Target Compounds	Qvalue

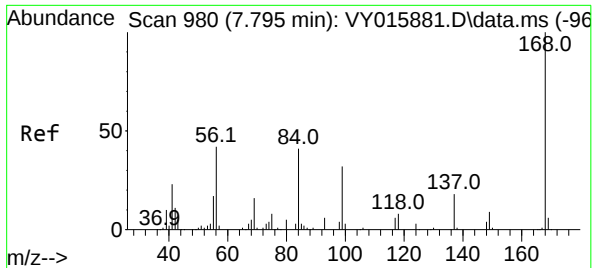
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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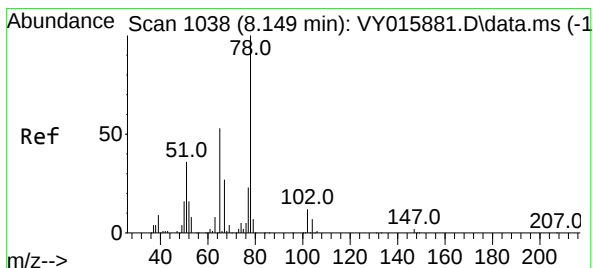
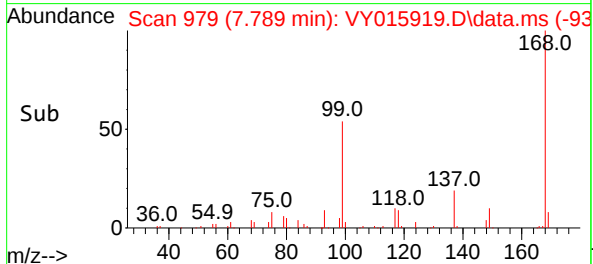
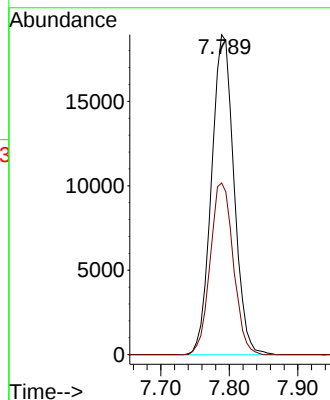
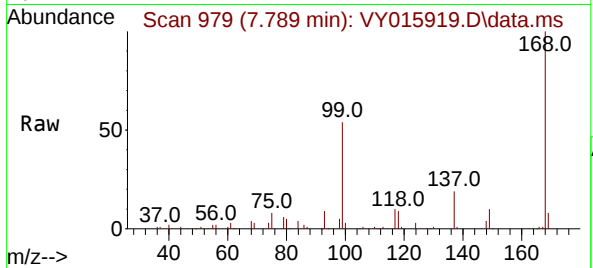




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015919.D
Acq: 11 Oct 2023 13:24

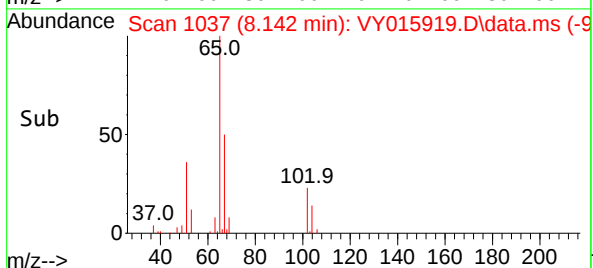
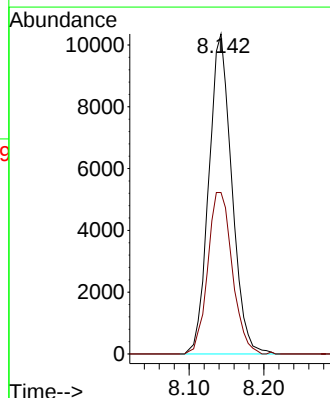
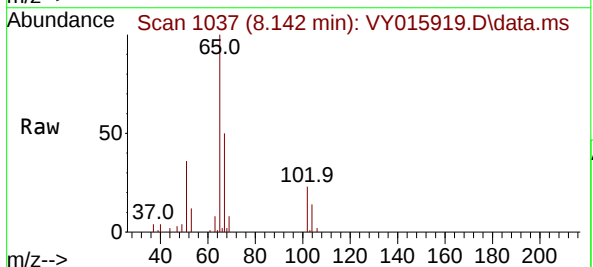
Instrument :
MSVOA_Y
ClientSampleId :
HR-2-100623RE

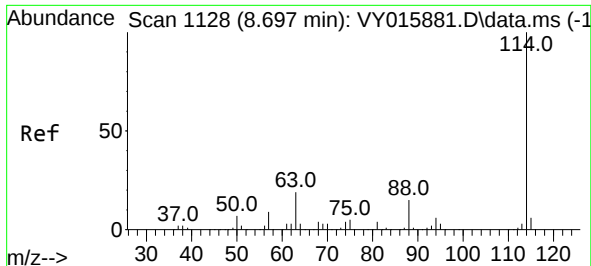
Tgt Ion:168 Resp: 43140
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.034 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015919.D
Acq: 11 Oct 2023 13:24

Tgt Ion: 65 Resp: 22139
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015919.D

Acq: 11 Oct 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

HR-2-100623RE

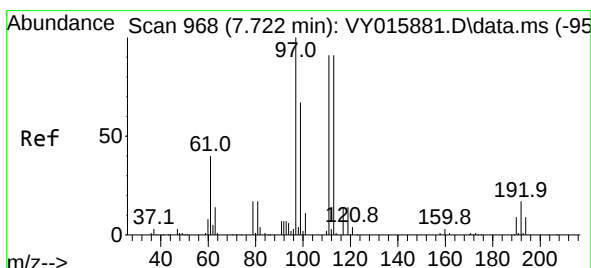
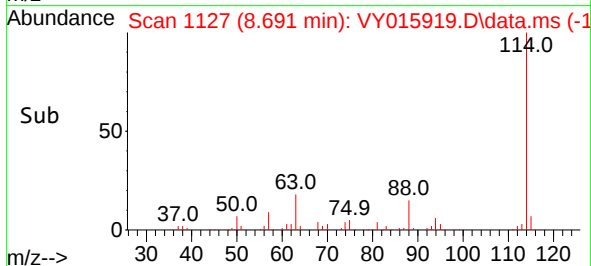
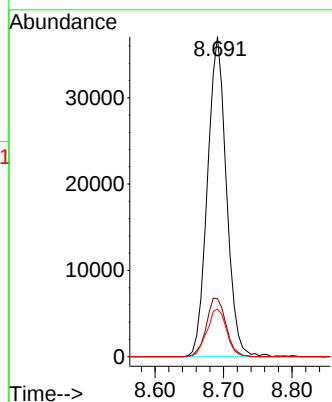
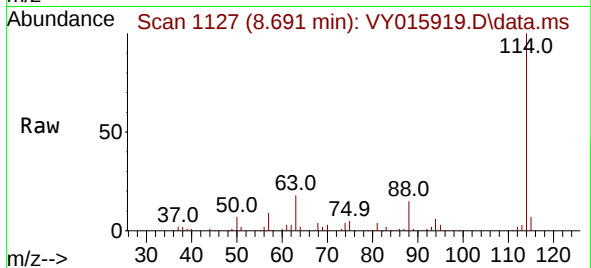
Tgt Ion:114 Resp: 71133

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.689 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY015919.D

Acq: 11 Oct 2023 13:24

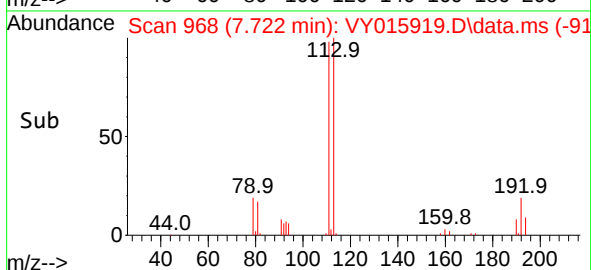
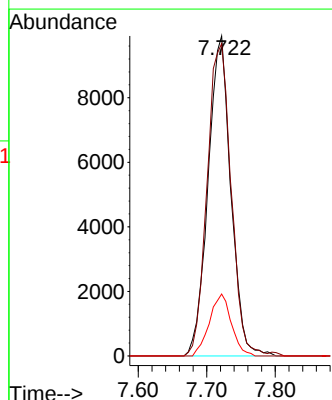
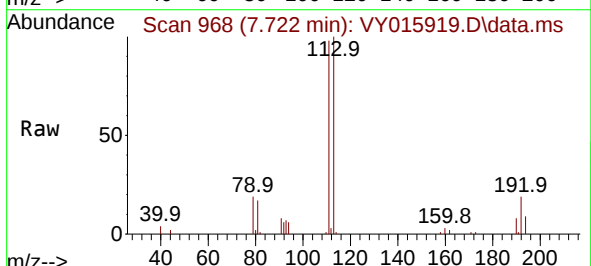
Tgt Ion:113 Resp: 22889

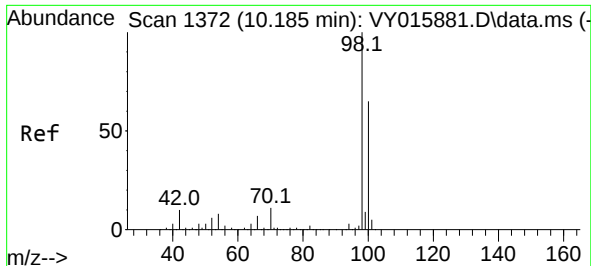
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 18.6 16.9 25.3

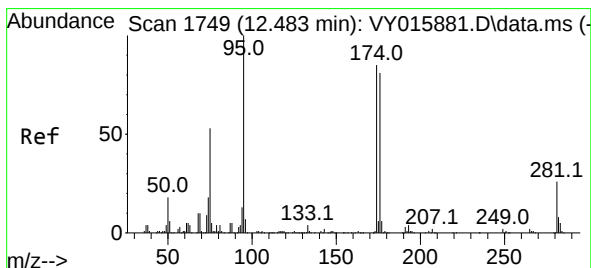
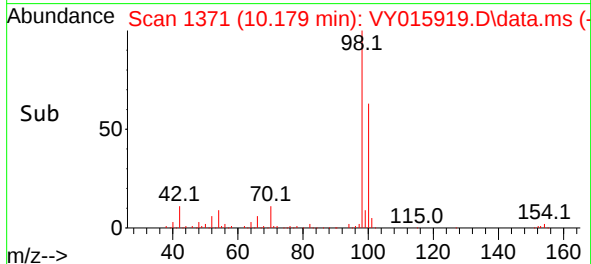
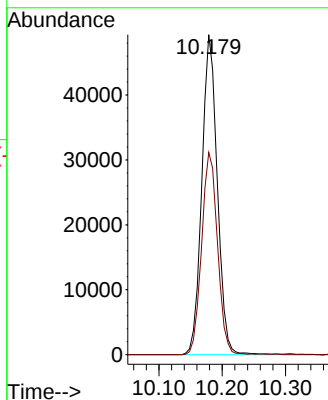
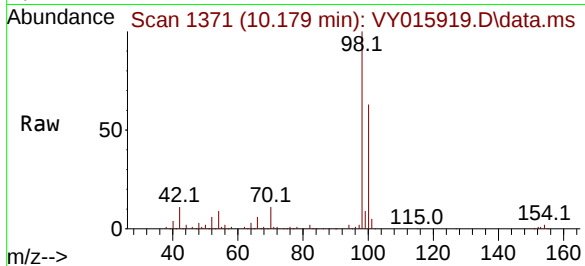




#50
Toluene-d8
Concen: 64.209 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015919.D
Acq: 11 Oct 2023 13:24

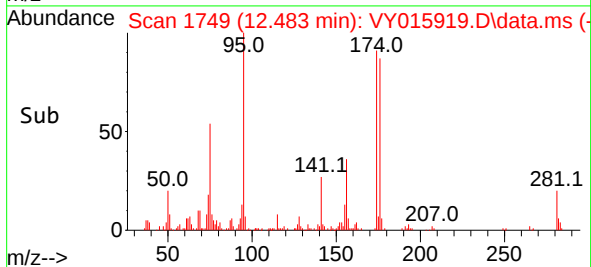
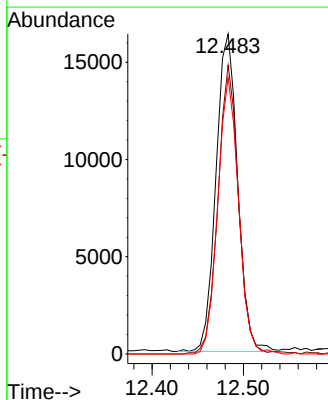
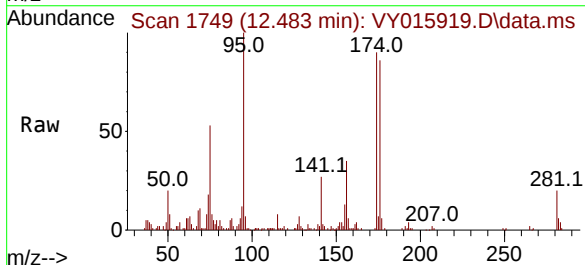
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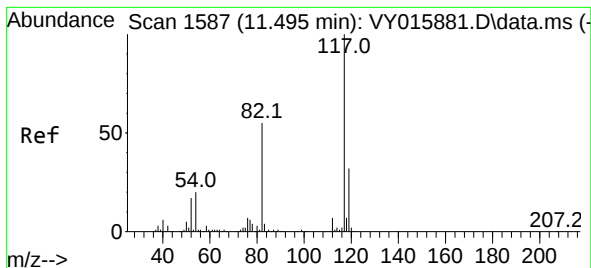
Tgt Ion: 98 Resp: 83961
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015919.D
Acq: 11 Oct 2023 13:24

Tgt Ion: 95 Resp: 26863
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 83.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015919.D

Acq: 11 Oct 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

HR-2-100623RE

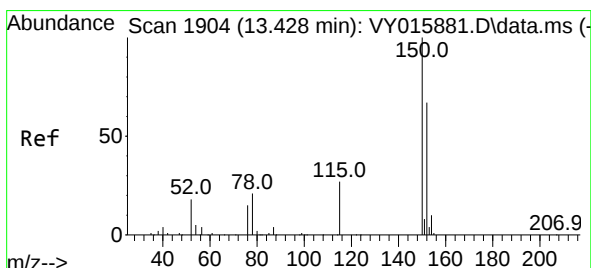
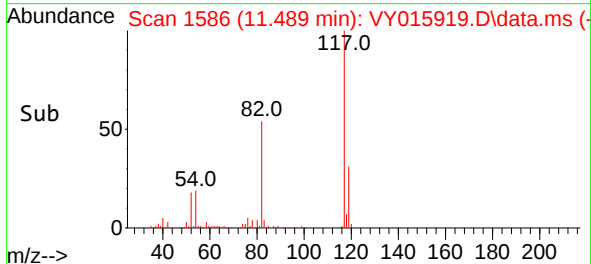
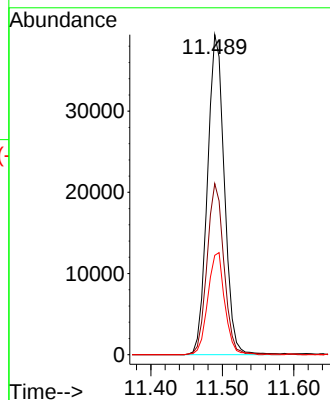
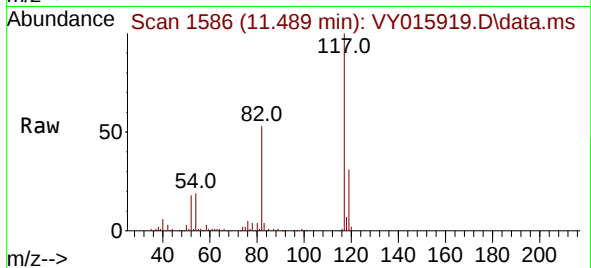
Tgt Ion:117 Resp: 64784

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015919.D

Acq: 11 Oct 2023 13:24

Tgt Ion:152 Resp: 27563

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 155.3 0.0 348.8

