

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015687.D
 Acq On : 22 Sep 2023 16:17
 Operator : SY/MD
 Sample : 04582-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-092223

Quant Time: Sep 22 22:57:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	130804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	208146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87228	60.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.220%
35) Dibromofluoromethane	7.716	113	73506	54.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.179	98	265777	58.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.320%
62) 4-Bromofluorobenzene	12.483	95	88456	49.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.660%

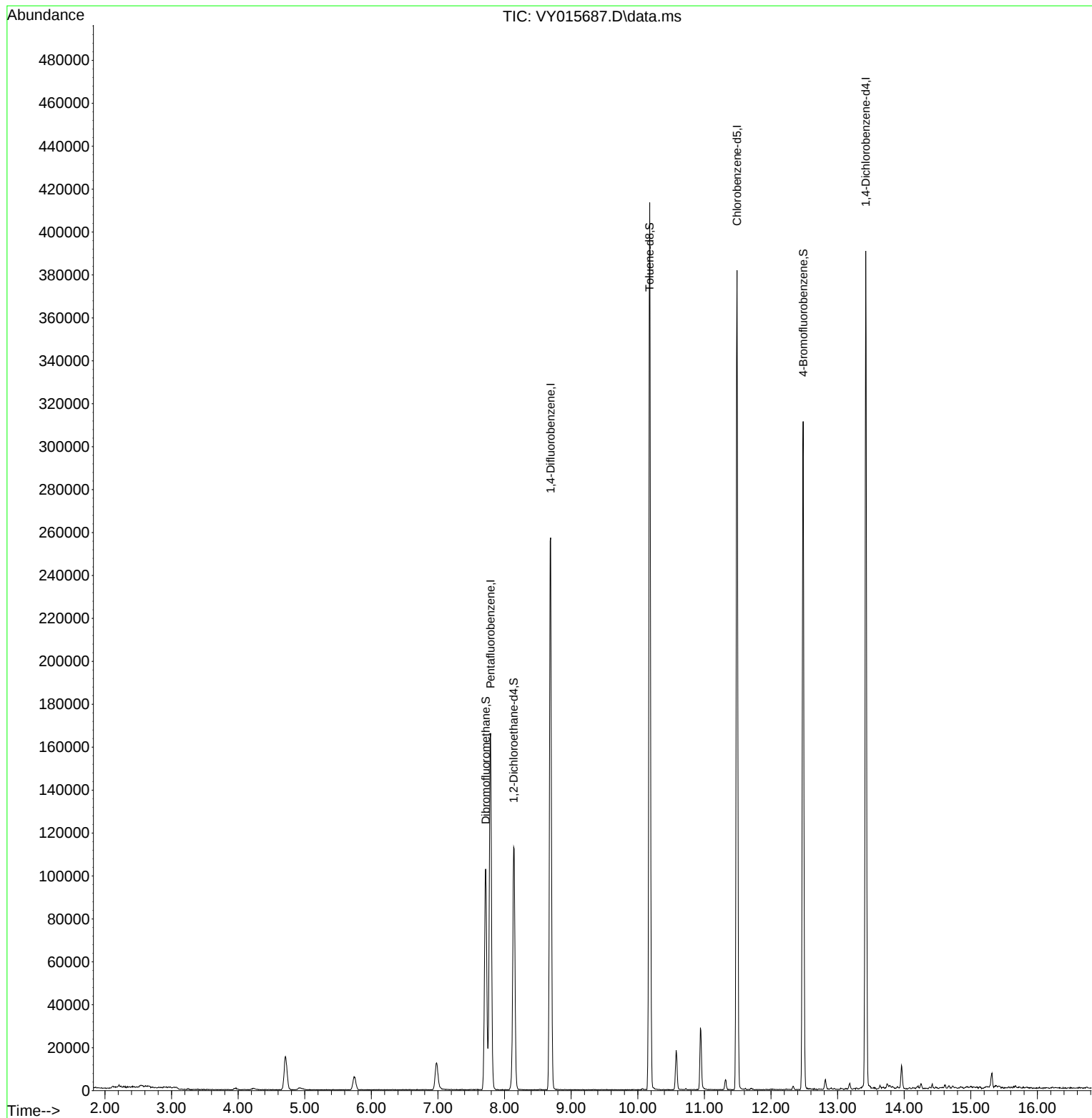
Target Compounds	Qvalue

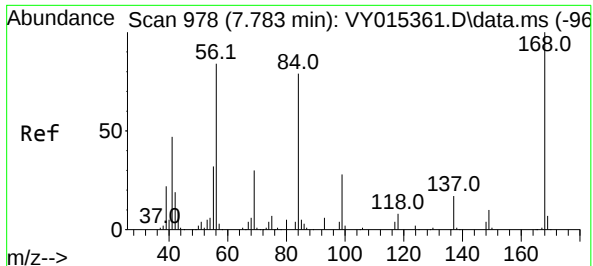
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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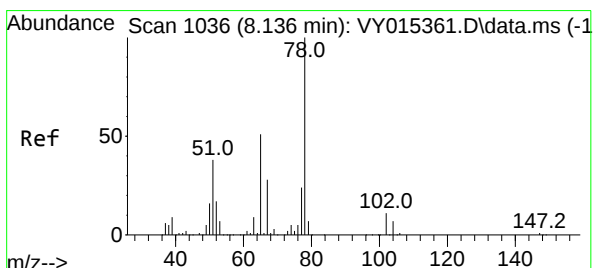
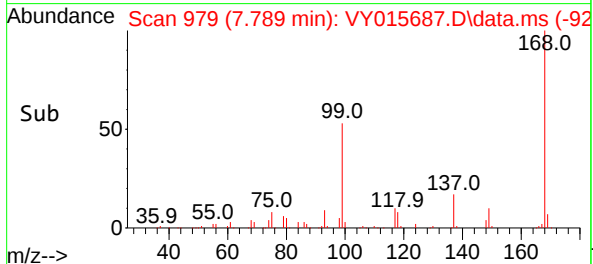
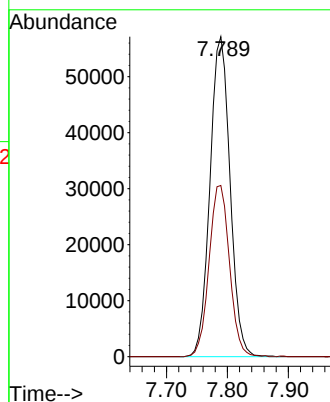
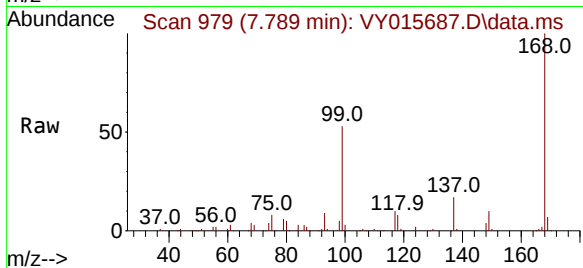




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

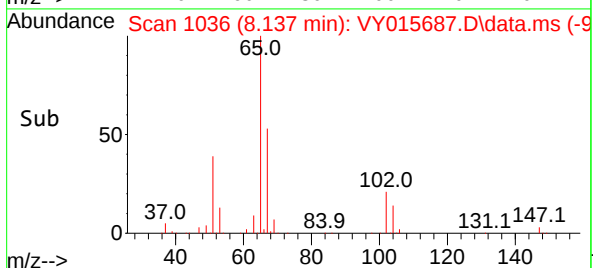
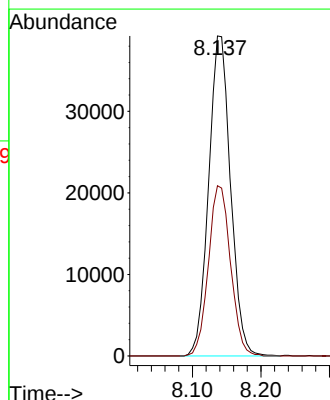
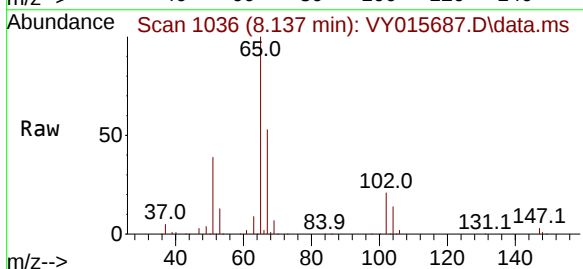
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-092223

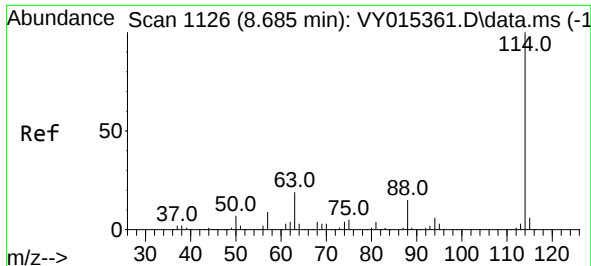
Tgt Ion:168 Resp: 130804
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.608 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Tgt Ion: 65 Resp: 87228
Ion Ratio Lower Upper
65 100
67 53.6 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: VY015687.D

Acq: 22 Sep 2023 16:17

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-092223

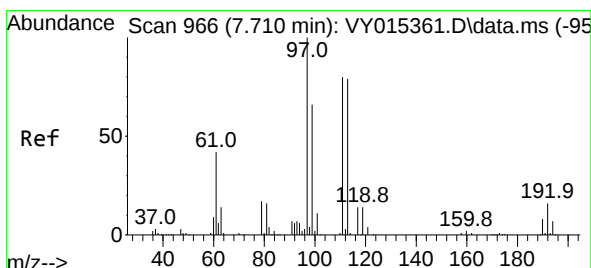
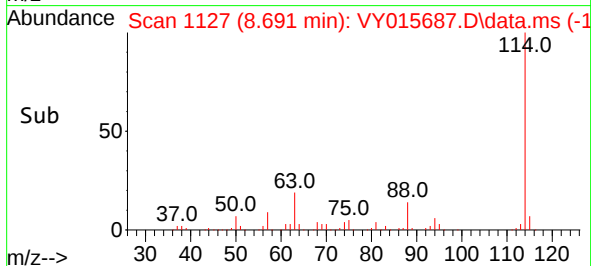
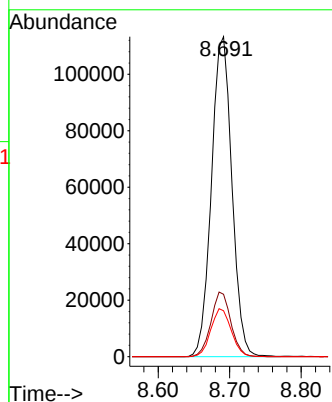
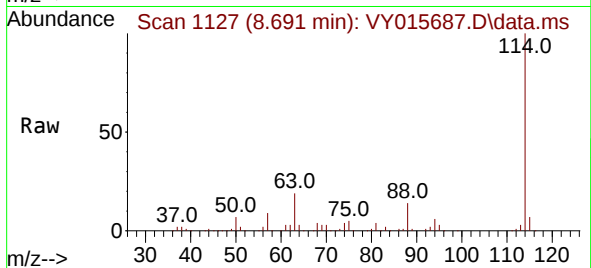
Tgt Ion:114 Resp: 225167

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.542 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015687.D

Acq: 22 Sep 2023 16:17

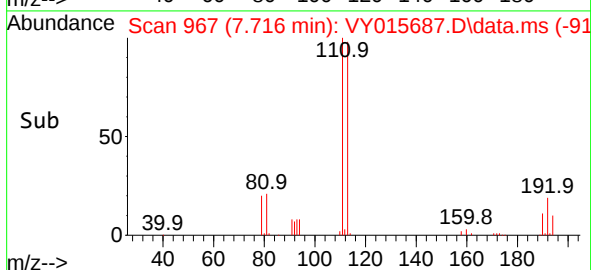
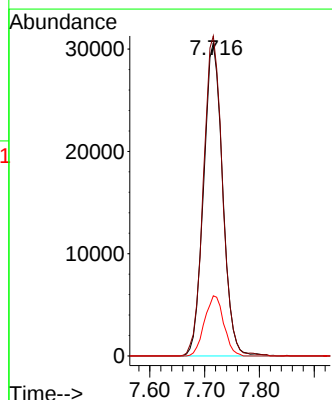
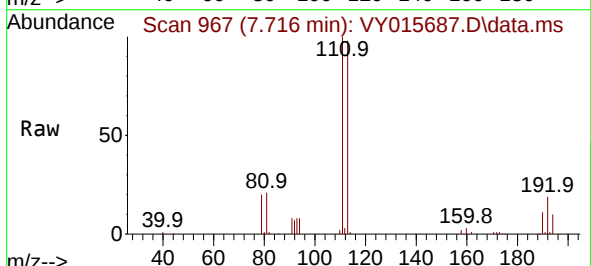
Tgt Ion:113 Resp: 73506

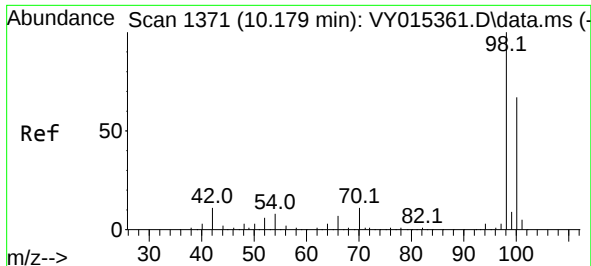
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.4 16.9 25.3

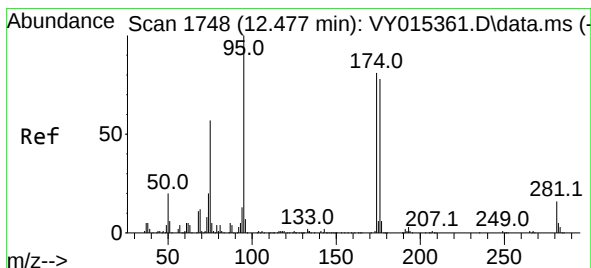
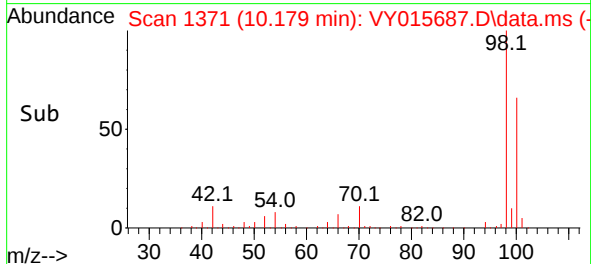
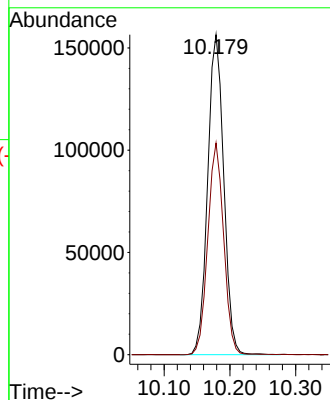
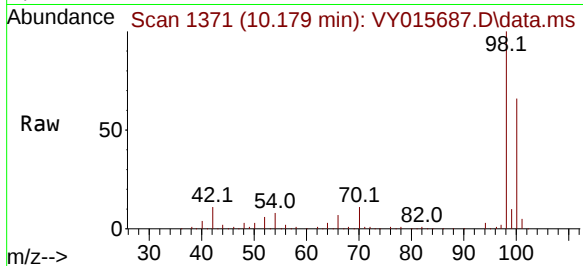




#50
Toluene-d8
Concen: 58.162 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

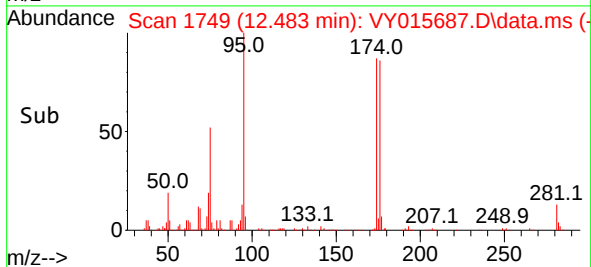
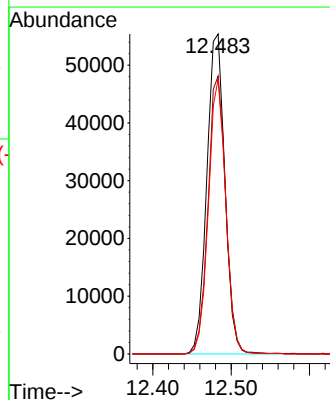
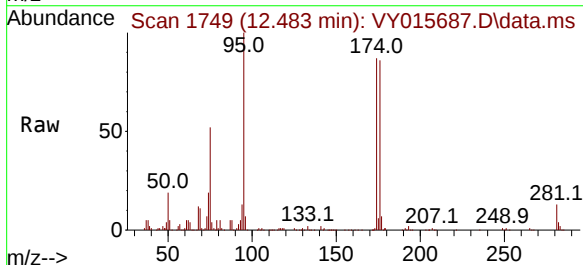
Instrument :
MSVOA_Y
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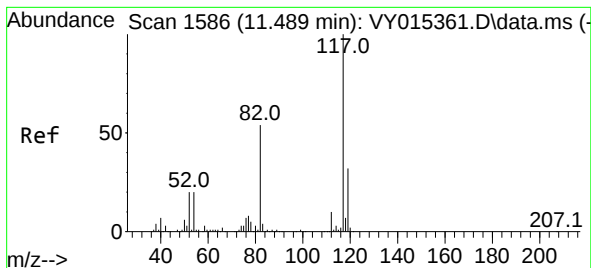
Tgt Ion: 98 Resp: 265777
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Tgt Ion: 95 Resp: 88456
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015687.D

Acq: 22 Sep 2023 16:17

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-092223

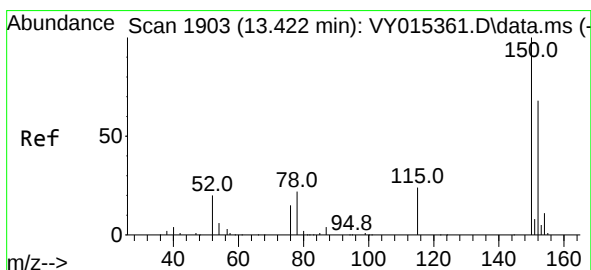
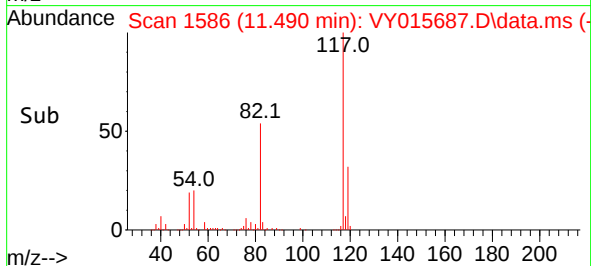
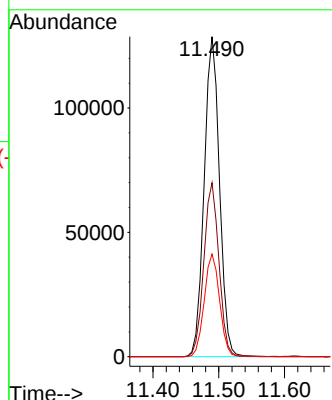
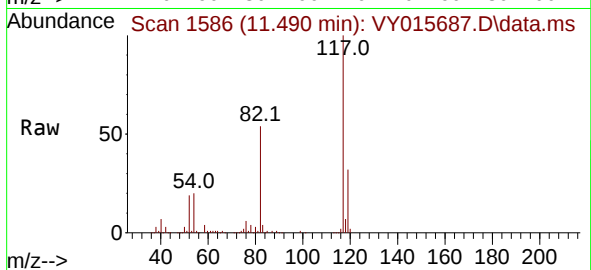
Tgt Ion:117 Resp: 208146

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015687.D

Acq: 22 Sep 2023 16:17

Tgt Ion:152 Resp: 95407

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.0 0.0 348.8

