

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021179.D
 Acq On : 12 Feb 2025 13:02
 Operator : SY/MD
 Sample : Q1345-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-021025RE

Quant Time: Feb 12 13:18:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	18906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	24945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	14295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	3053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	5301	27.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.740%
35) Dibromofluoromethane	7.640	113	6655	41.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.260%
50) Toluene-d8	10.115	98	26590	43.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.413	95	4206	21.154	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.300%

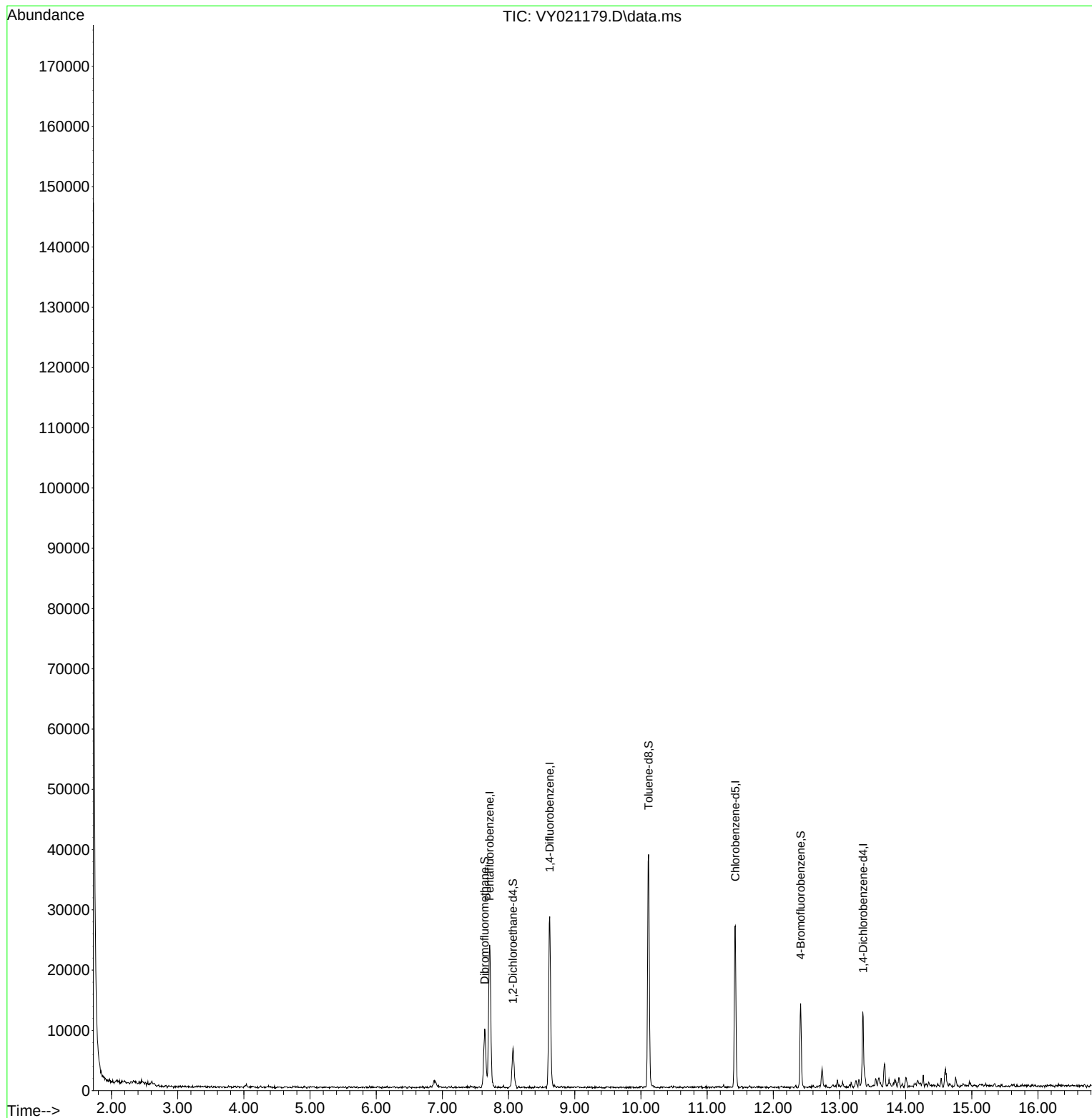
Target Compounds	Qvalue

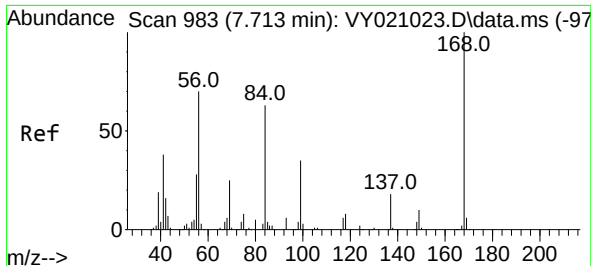
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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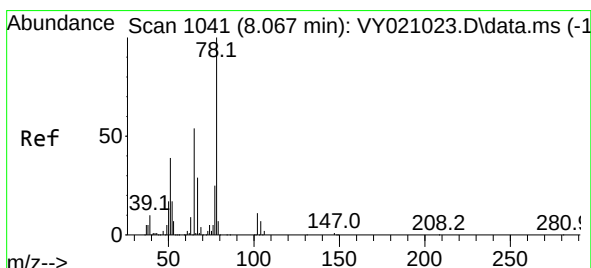
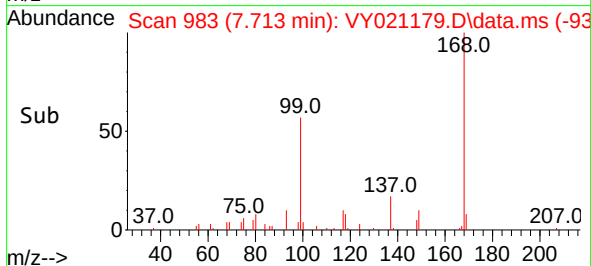
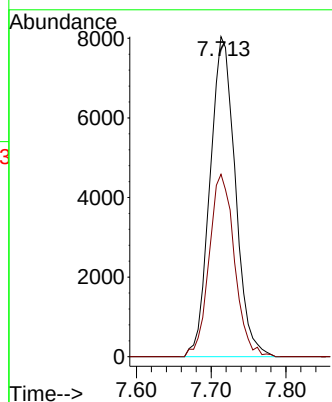
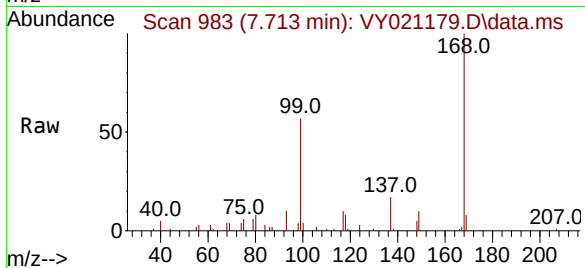




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021179.D
Acq: 12 Feb 2025 13:02

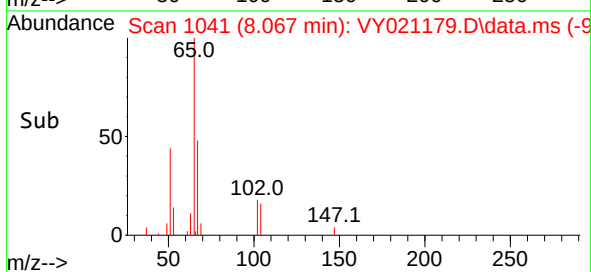
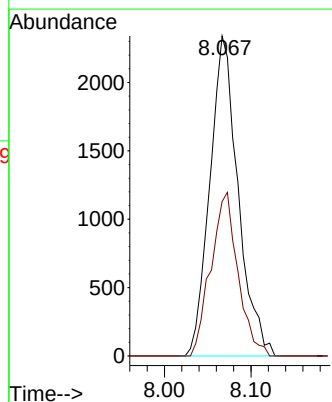
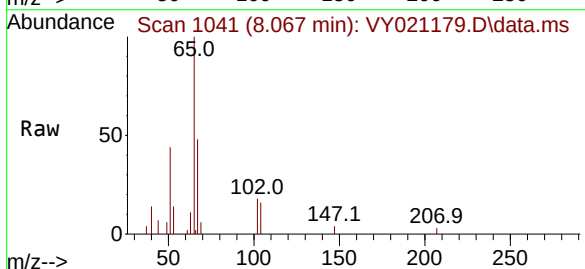
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-021025RE

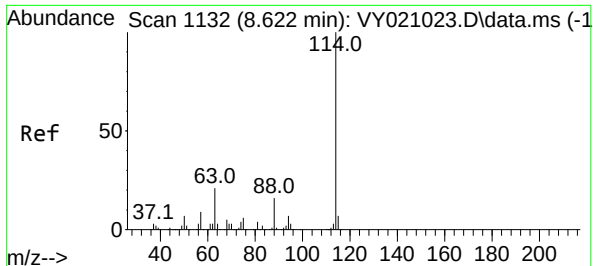
Tgt Ion:168 Resp: 18906
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 27.366 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021179.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 65 Resp: 5301
Ion Ratio Lower Upper
65 100
67 49.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021179.D

Acq: 12 Feb 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-021025RE

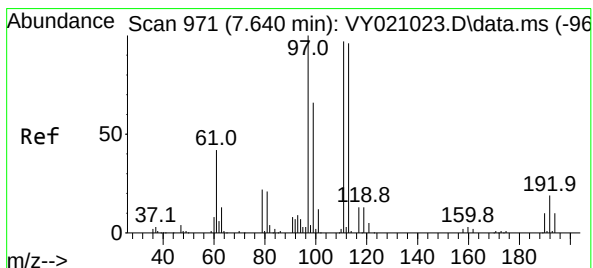
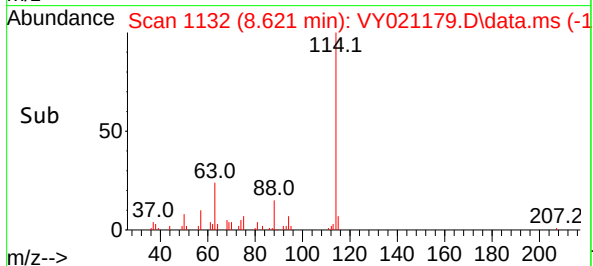
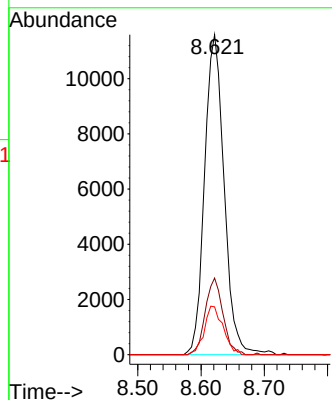
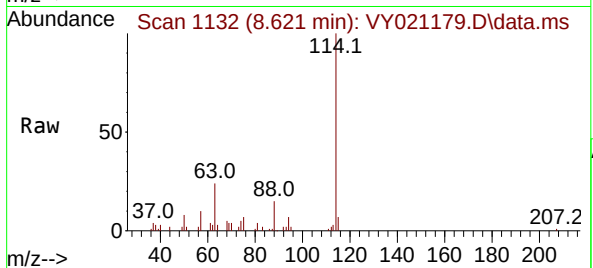
Tgt Ion:114 Resp: 24945

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 41.629 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021179.D

Acq: 12 Feb 2025 13:02

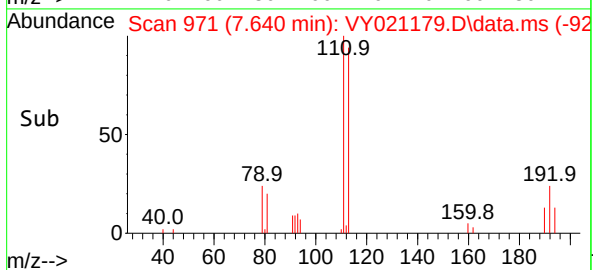
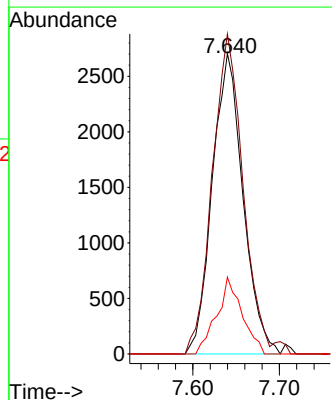
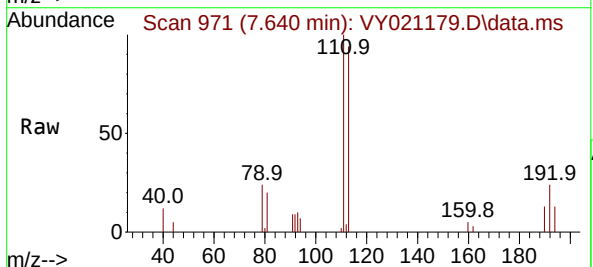
Tgt Ion:113 Resp: 6655

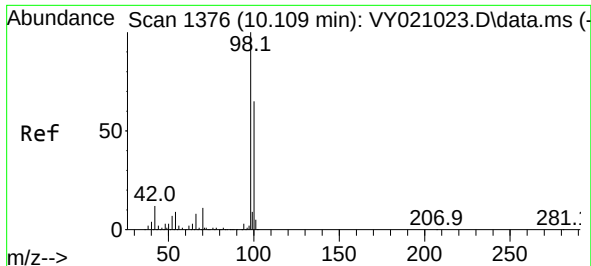
Ion Ratio Lower Upper

113 100

111 107.4 83.8 125.6

192 21.1 14.5 21.7

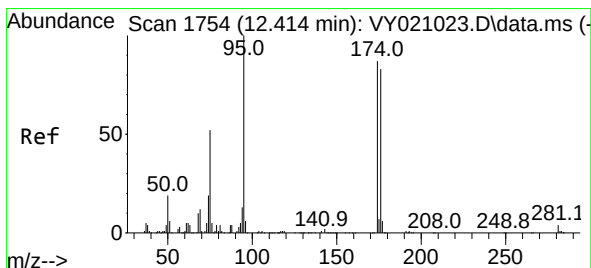
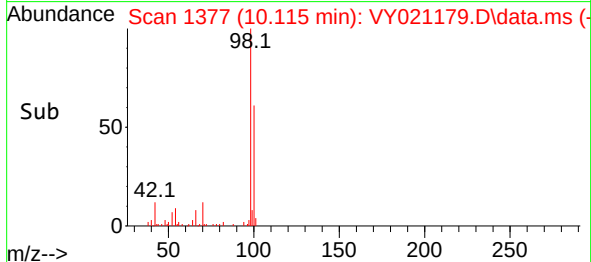
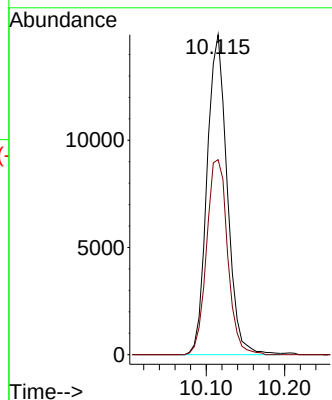
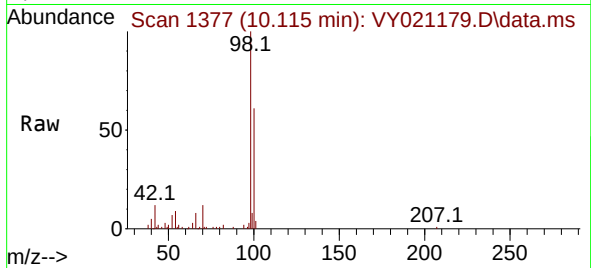




#50
Toluene-d8
Concen: 43.689 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021179.D
Acq: 12 Feb 2025 13:02

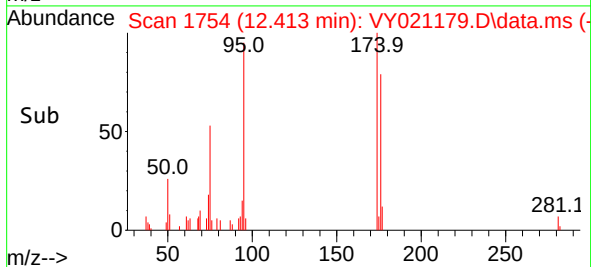
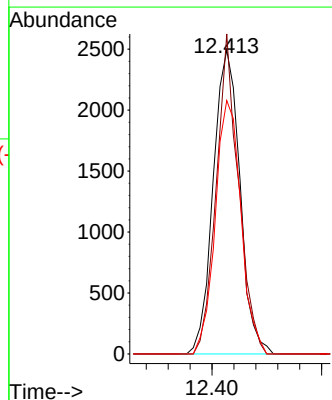
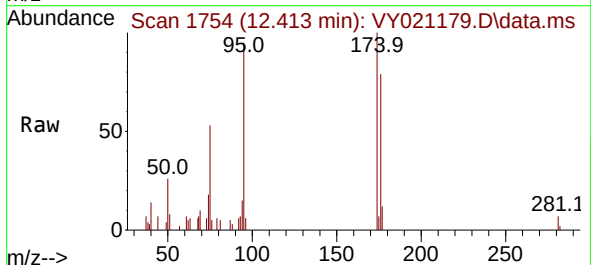
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EO-01-021025RE

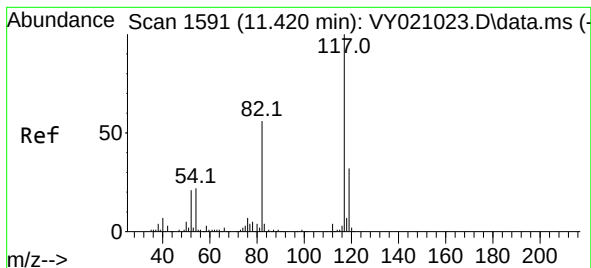
Tgt Ion: 98 Resp: 26590
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 21.154 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021179.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 95 Resp: 4206
Ion Ratio Lower Upper
95 100
174 87.9 0.0 160.0
176 80.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021179.D

Acq: 12 Feb 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-021025RE

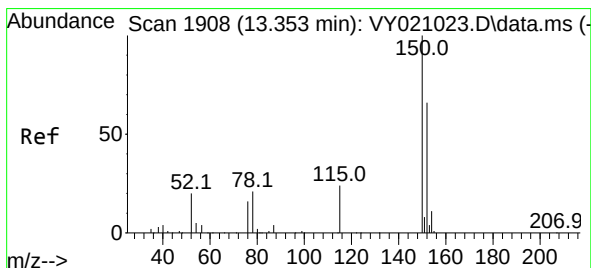
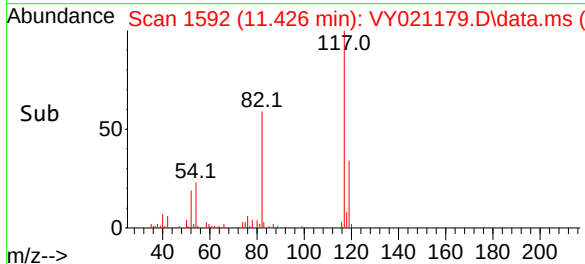
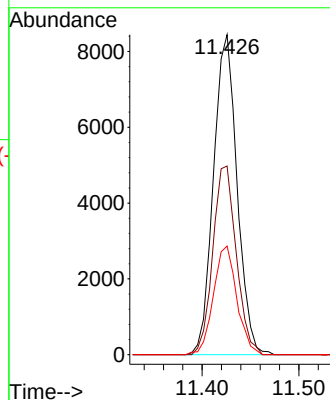
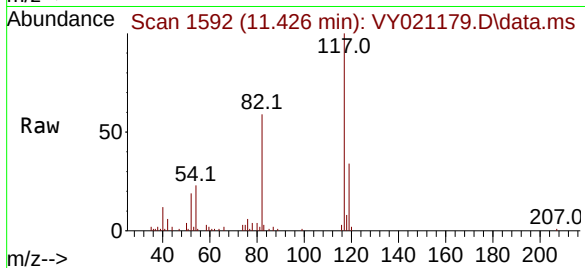
Tgt Ion:117 Resp: 14295

Ion Ratio Lower Upper

117 100

82 59.0 43.8 65.8

119 33.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021179.D

Acq: 12 Feb 2025 13:02

Tgt Ion:152 Resp: 3053

Ion Ratio Lower Upper

152 100

115 54.7 30.0 90.0

150 150.7 0.0 344.6

