

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015539.D
 Acq On : 14 Sep 2023 17:26
 Operator : SY/MD
 Sample : 04394-09
 Misc : 6.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-08(3-3.5)

Quant Time: Sep 15 04:03:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	410449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	682474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	614715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	285017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	250043	56.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.660%
35) Dibromofluoromethane	7.716	113	214136	54.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.940%
50) Toluene-d8	10.179	98	798247	56.075	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.160%
62) 4-Bromofluorobenzene	12.483	95	280096	53.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.000%

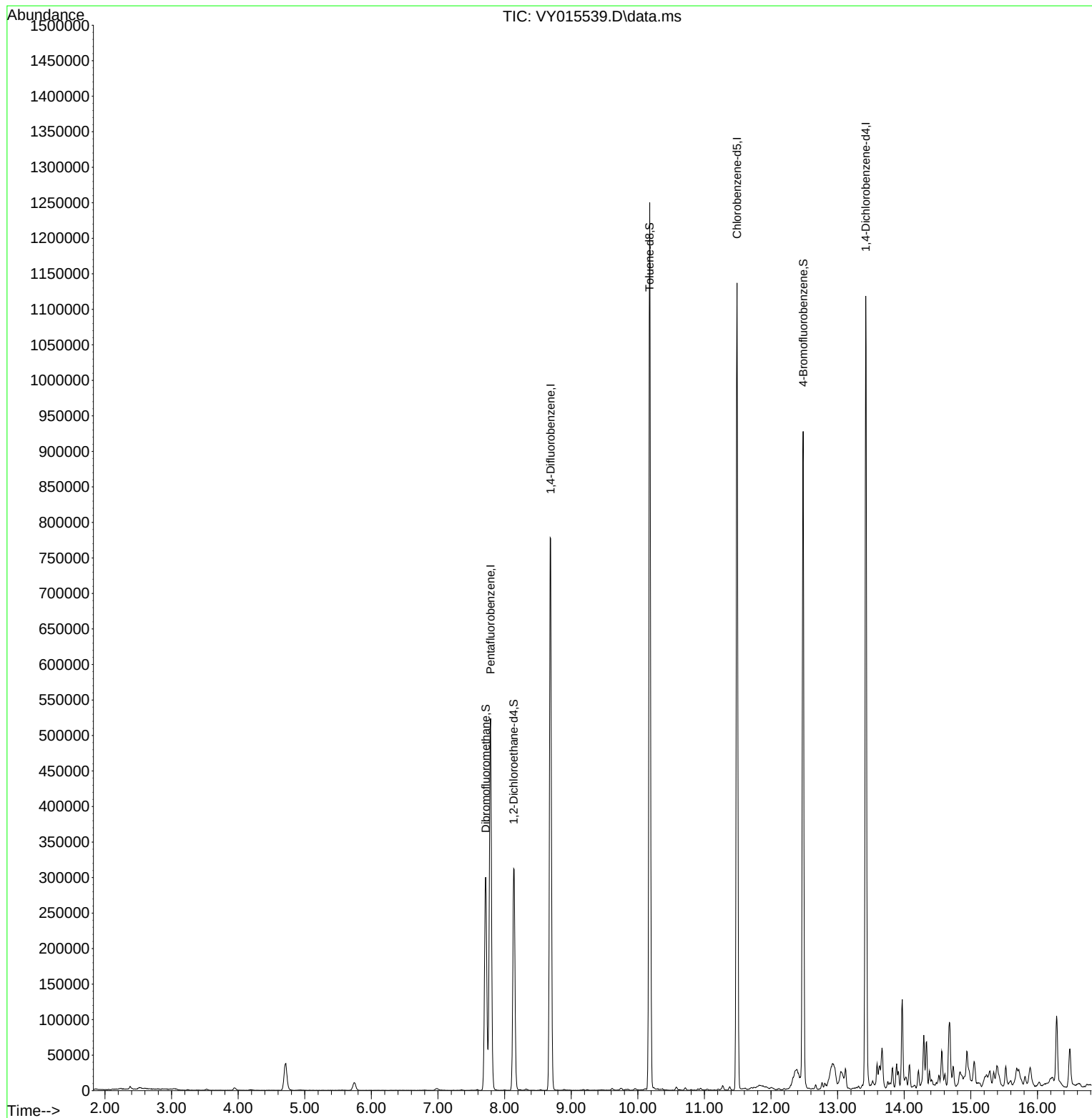
Target Compounds	Qvalue

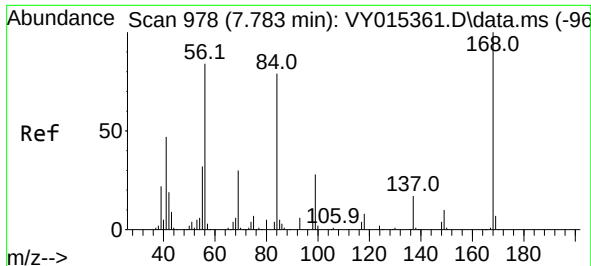
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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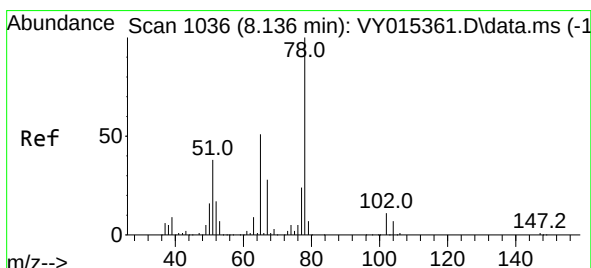
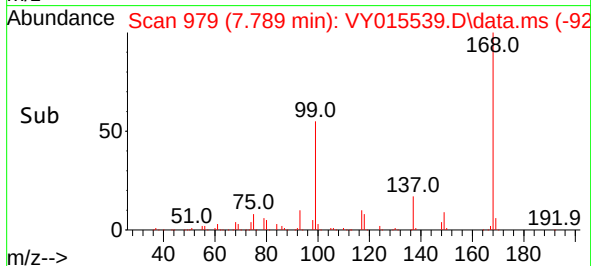
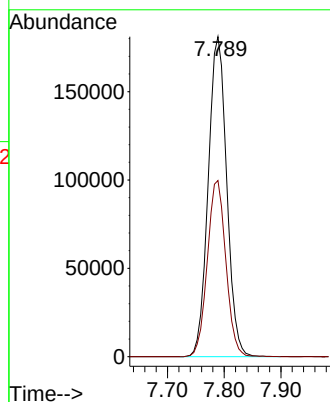
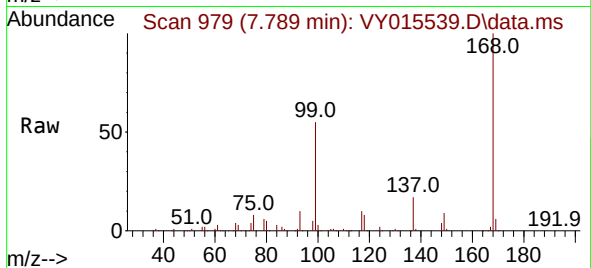




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

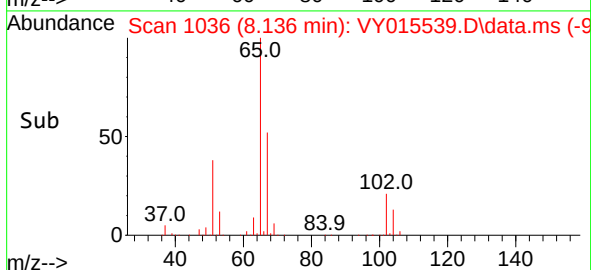
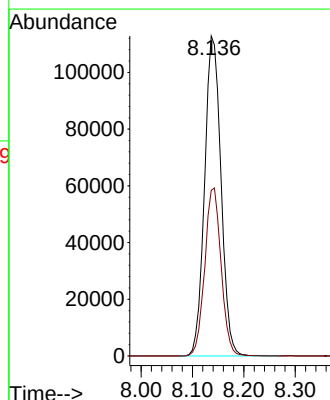
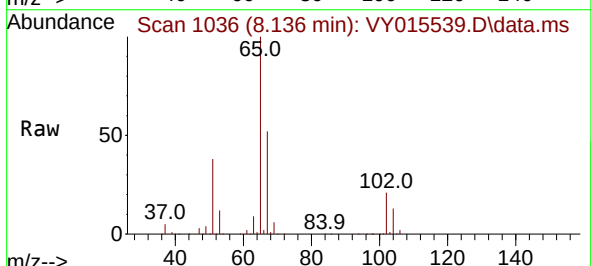
Instrument :
MSVOA_Y
ClientSampleId :
B103-08(3-3.5)

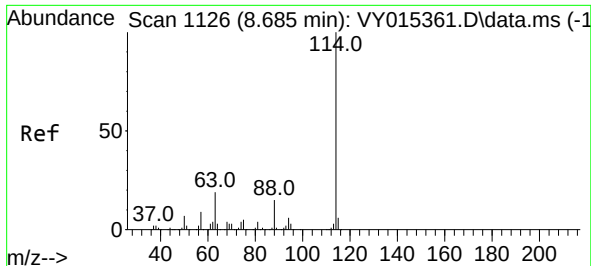
Tgt Ion:168 Resp: 410449
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.829 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

Tgt Ion: 65 Resp: 250043
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

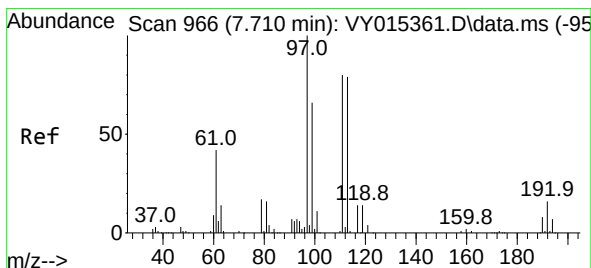
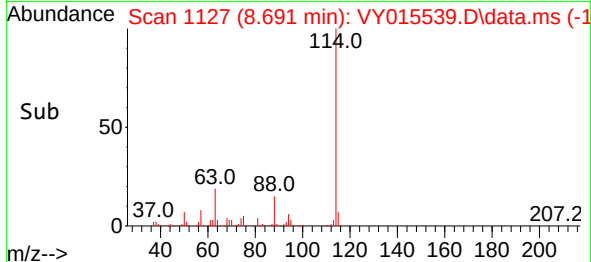
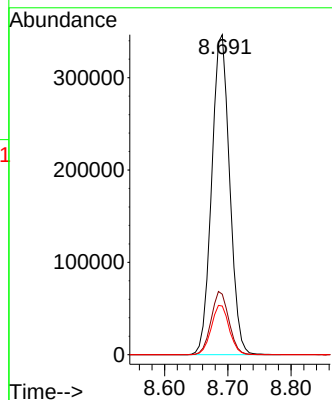
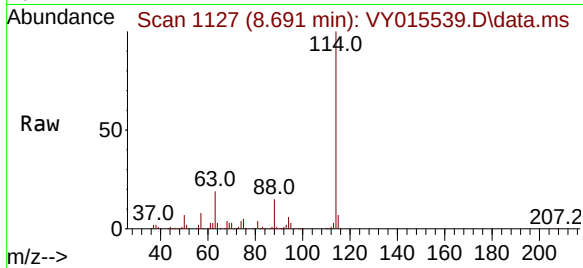




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY015539.D
 Acq: 14 Sep 2023 17:26

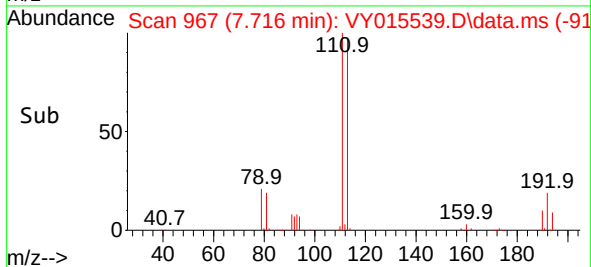
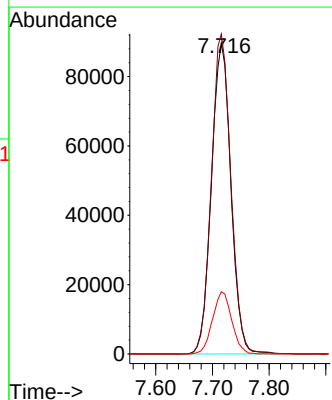
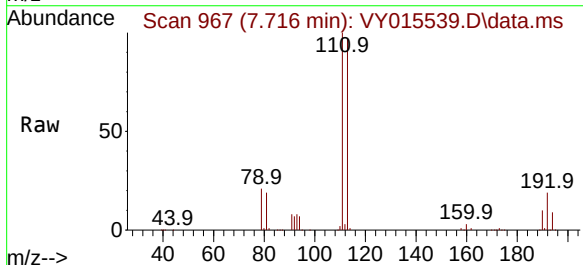
Instrument :
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 B103-08(3-3.5)

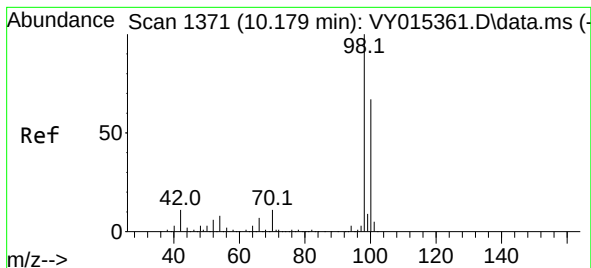
Tgt Ion:114 Resp: 682474
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.2 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 54.475 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VY015539.D
 Acq: 14 Sep 2023 17:26

Tgt Ion:113 Resp: 214136
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.3 121.9
 192 19.7 16.9 25.3

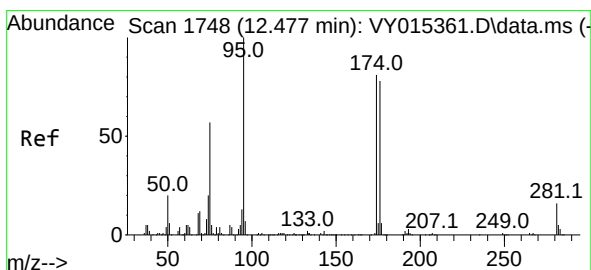
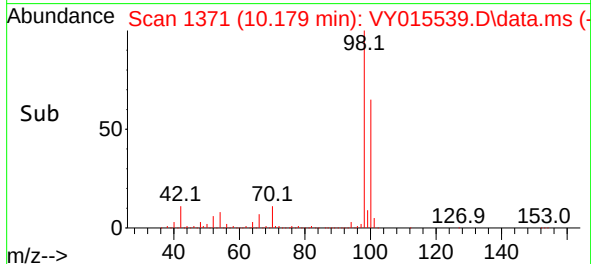
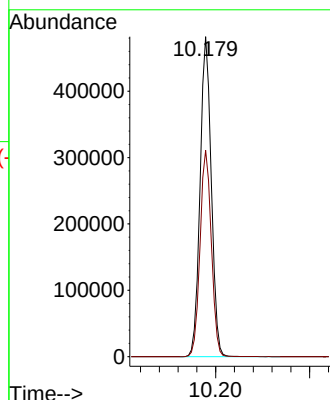
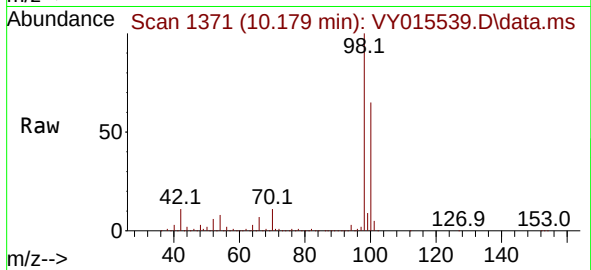




#50
Toluene-d8
Concen: 56.075 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

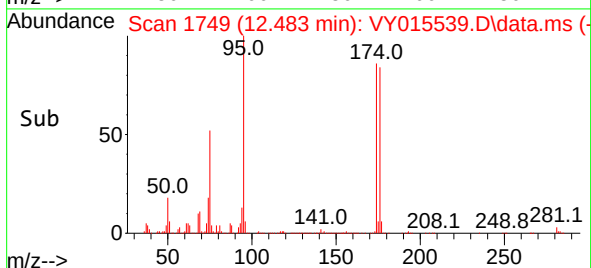
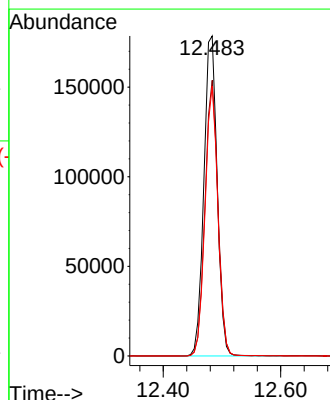
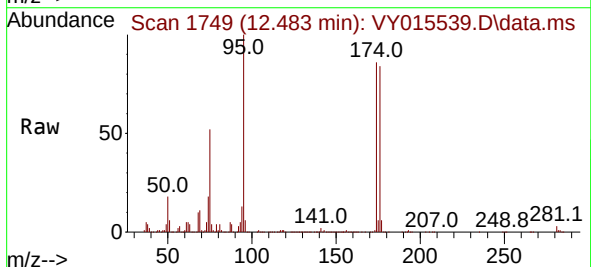
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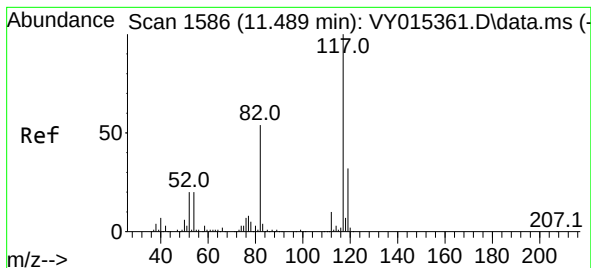
Tgt Ion: 98 Resp: 798247
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

Tgt Ion: 95 Resp: 280096
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015539.D

Acq: 14 Sep 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

B103-08(3-3.5)

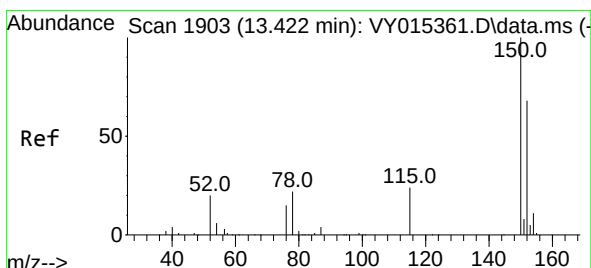
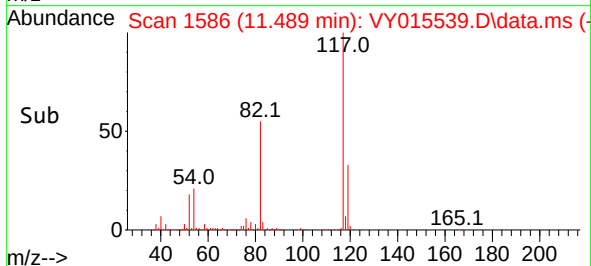
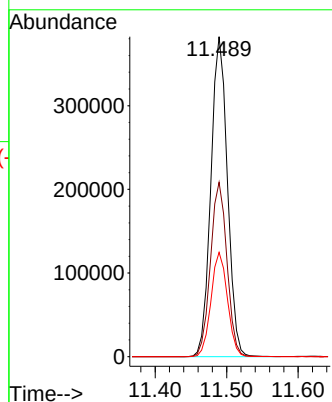
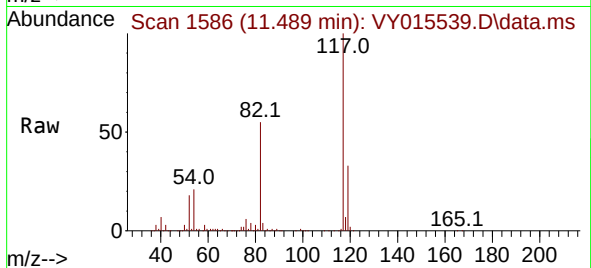
Tgt Ion:117 Resp: 614715

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.6 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: VY015539.D

Acq: 14 Sep 2023 17:26

Tgt Ion:152 Resp: 285017

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 158.0 0.0 348.8

