

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015662.D
 Acq On : 20 Sep 2023 16:29
 Operator : SY/MD
 Sample : 04531-01
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-BCD

Quant Time: Sep 21 03:43:23 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	7.783	168	123965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83282	61.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.120%
35) Dibromofluoromethane	7.716	113	69708	54.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.540%
50) Toluene-d8	10.179	98	255343	58.626	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.260%
62) 4-Bromofluorobenzene	12.477	95	86861	50.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.640%

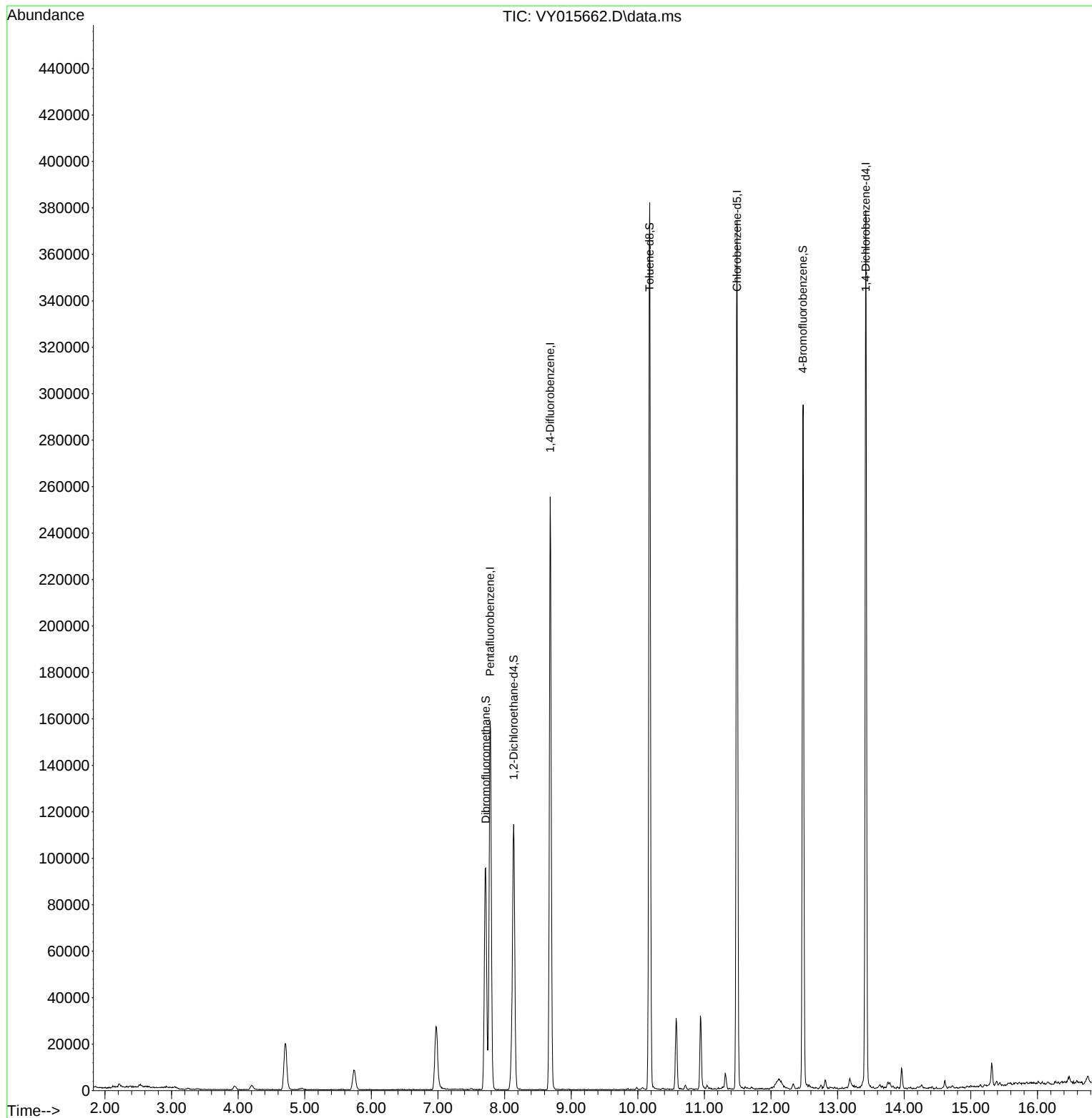
Target Compounds	Qvalue

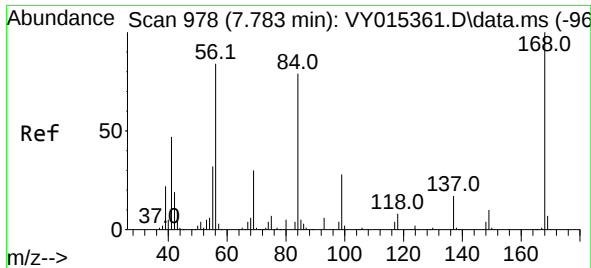
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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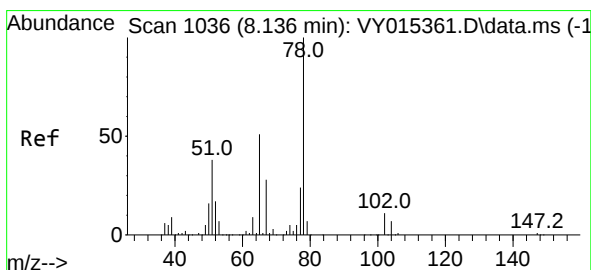
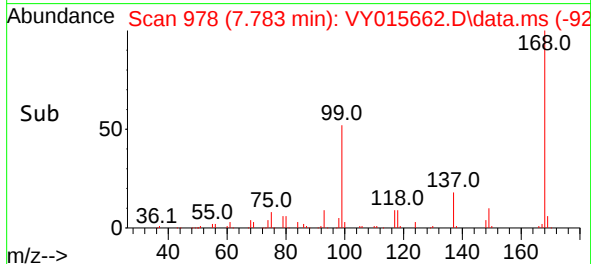
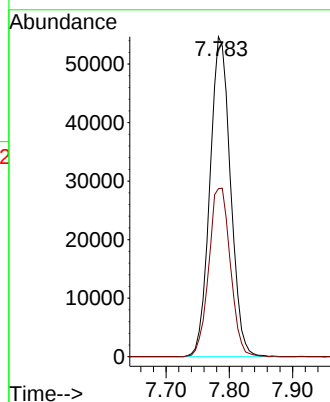
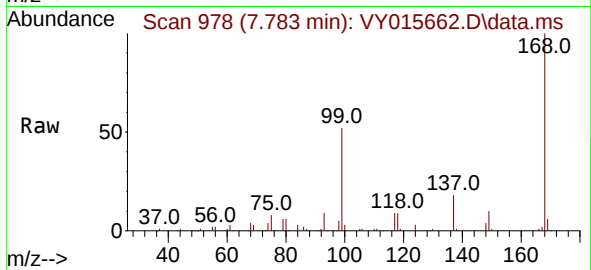




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015662.D
Acq: 20 Sep 2023 16:29

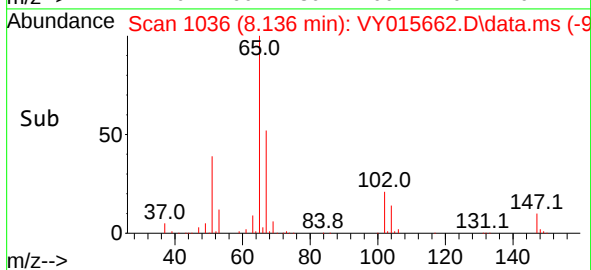
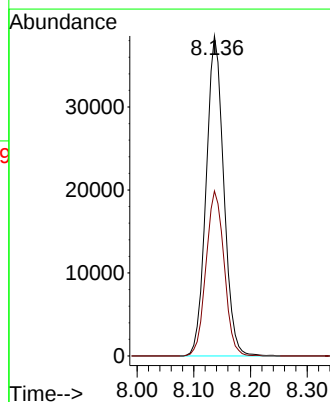
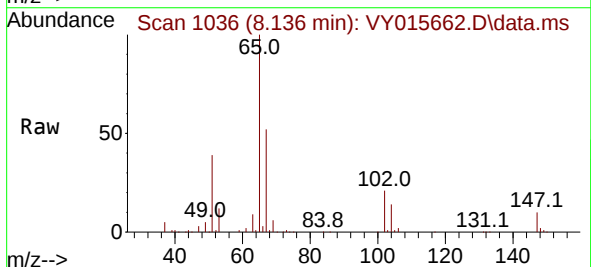
Instrument :
MSVOA_Y
ClientSampleId :
TP-BCD

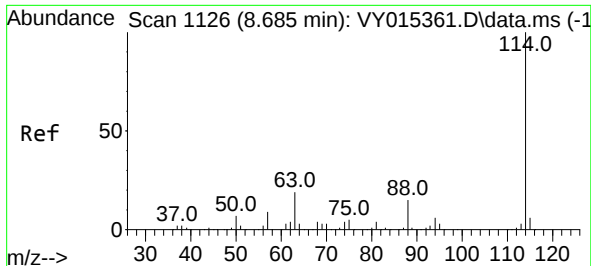
Tgt Ion:168 Resp: 123965
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.059 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015662.D
Acq: 20 Sep 2023 16:29

Tgt Ion: 65 Resp: 83282
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

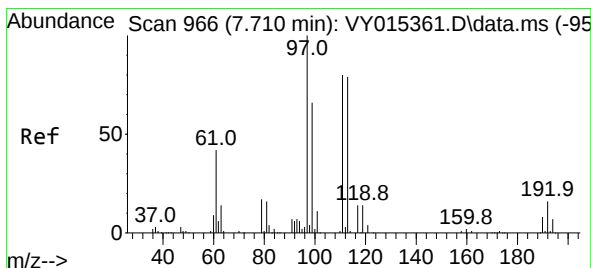
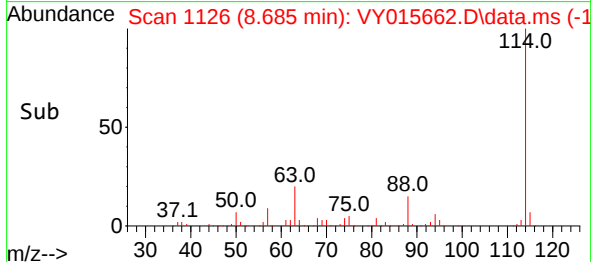
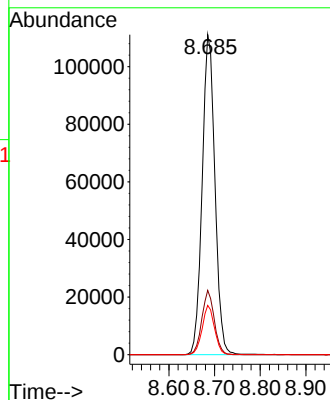
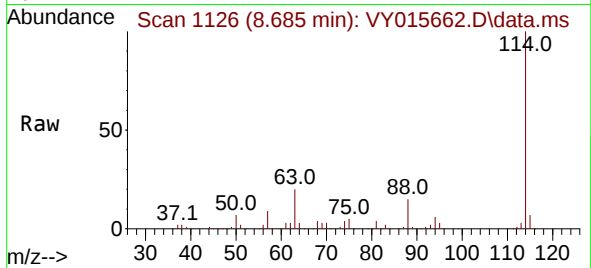




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015662.D
 Acq: 20 Sep 2023 16:29

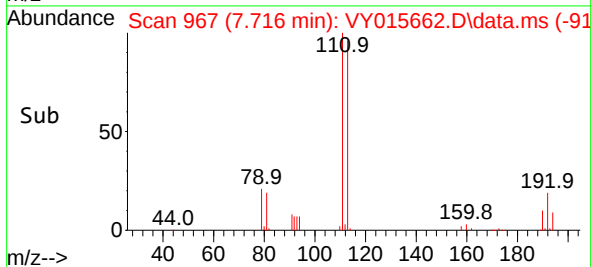
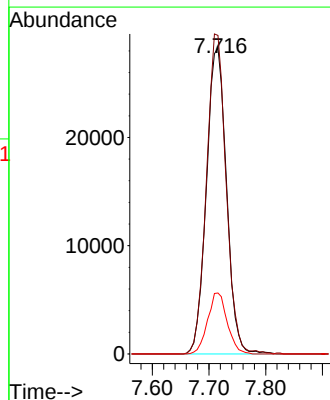
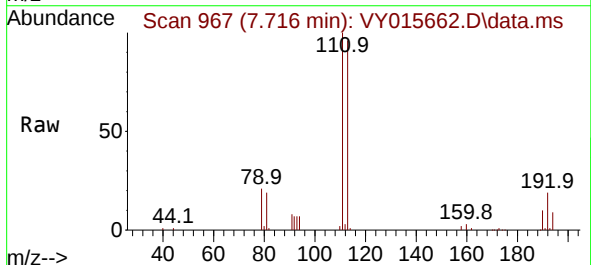
Instrument :
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 TP-BCD

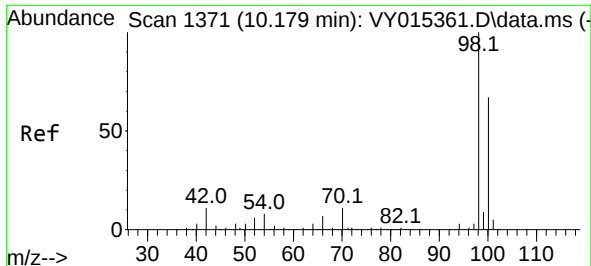
Tgt Ion:114 Resp: 214618
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.4 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 54.266 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY015662.D
 Acq: 20 Sep 2023 16:29

Tgt Ion:113 Resp: 69708
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.3 121.9
 192 19.4 16.9 25.3

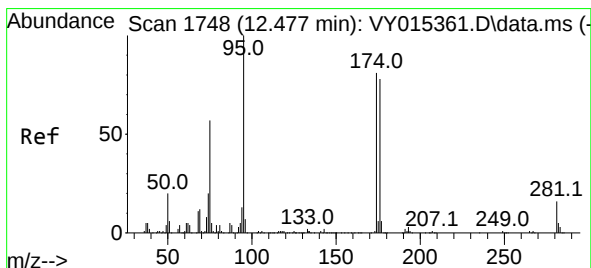
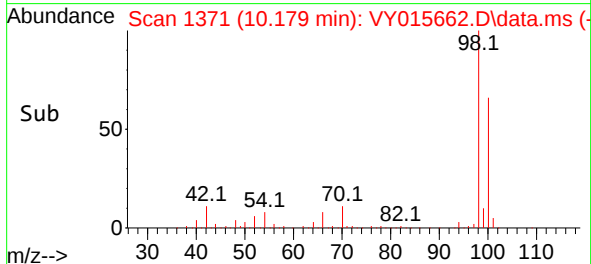
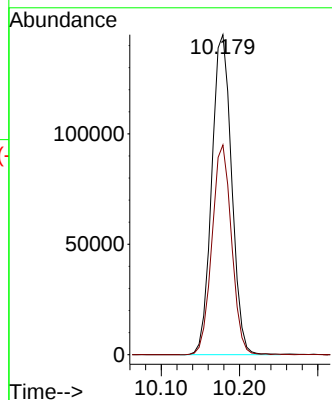
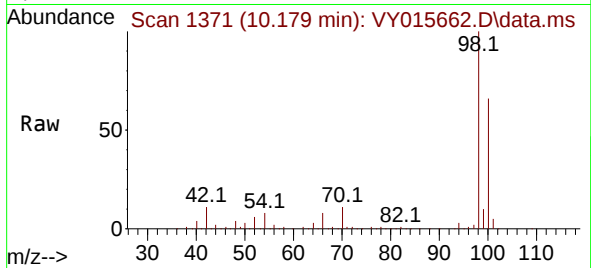




#50
Toluene-d8
Concen: 58.626 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015662.D
Acq: 20 Sep 2023 16:29

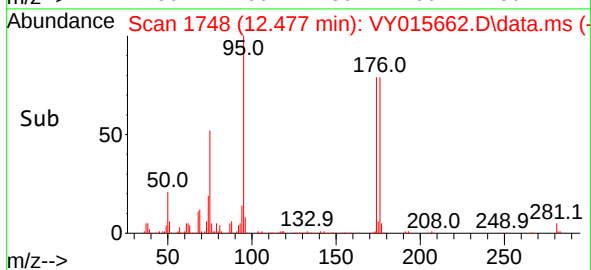
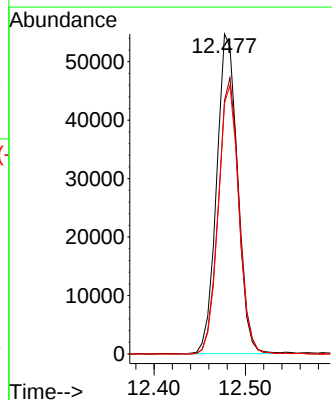
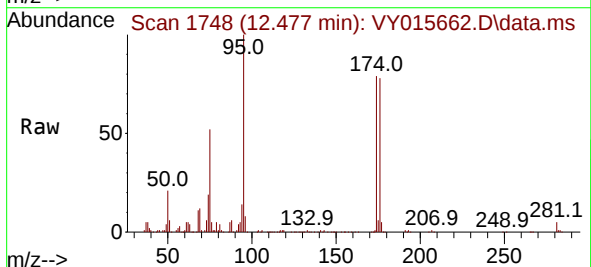
Instrument :
MSVOA_Y
ClientSampleId :
TP-BCD

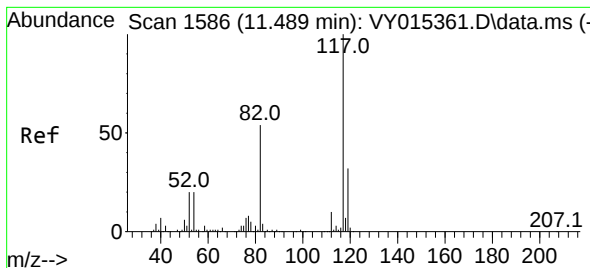
Tgt Ion: 98 Resp: 255343
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.818 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015662.D
Acq: 20 Sep 2023 16:29

Tgt Ion: 95 Resp: 86861
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.9 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: VY015662.D

Acq: 20 Sep 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

TP-BCD

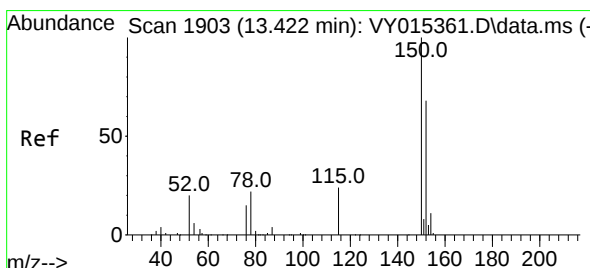
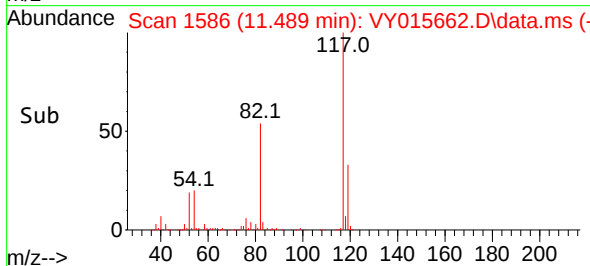
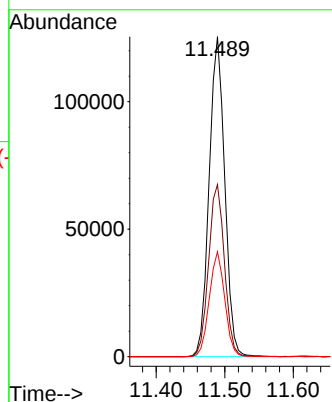
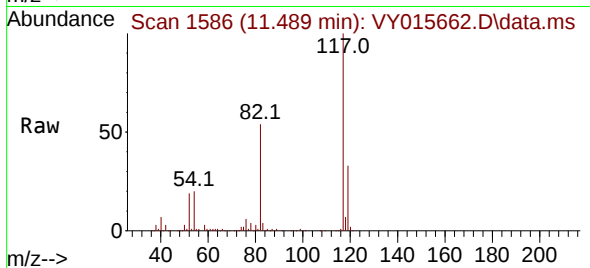
Tgt Ion:117 Resp: 198975

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.8 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: VY015662.D

Acq: 20 Sep 2023 16:29

Tgt Ion:152 Resp: 93244

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.8 0.0 348.8

