

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015857.D
 Acq On : 06 Oct 2023 13:13
 Operator : SY/MD
 Sample : 04735-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2662

Quant Time: Oct 07 07:25:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	35515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	53594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16963	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18630	53.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.710	113	17374	56.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.179	98	60904	61.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	122.820%
62) 4-Bromofluorobenzene	12.483	95	16999	41.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.860%

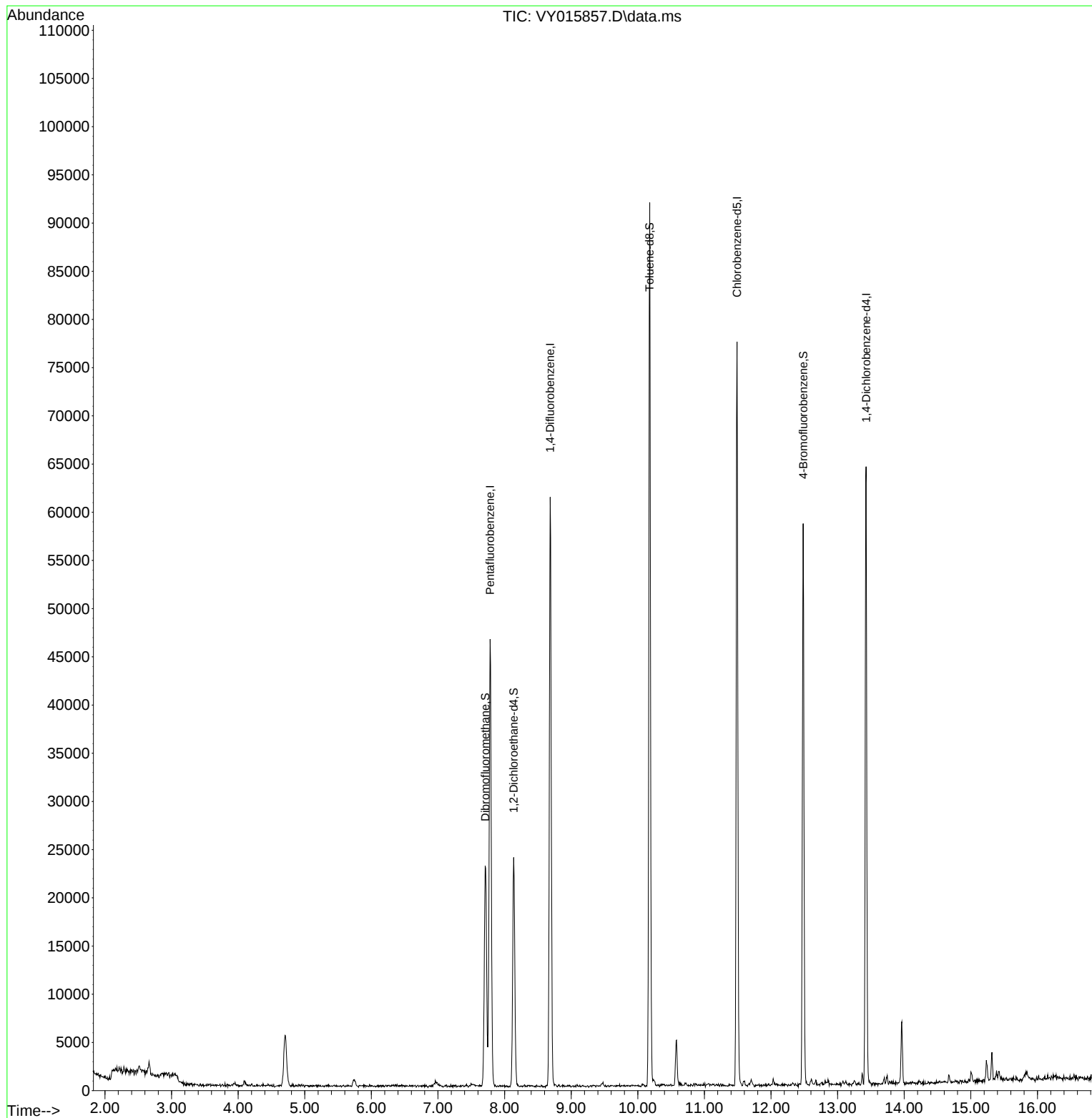
Target Compounds	Qvalue

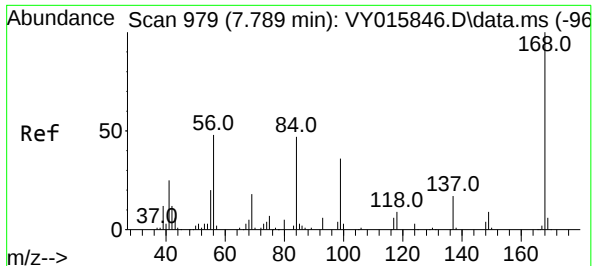
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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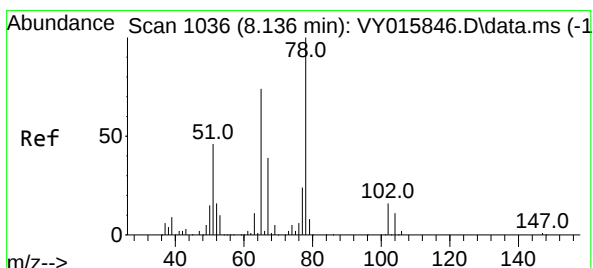
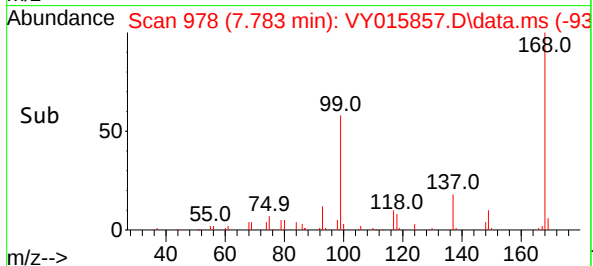
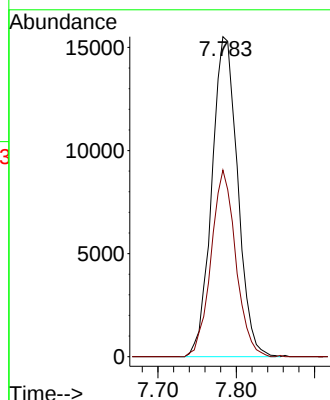
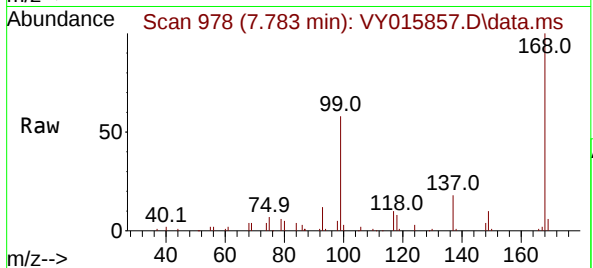




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

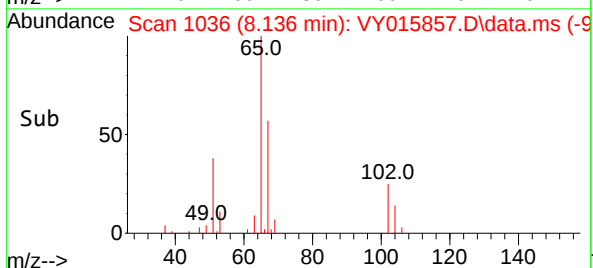
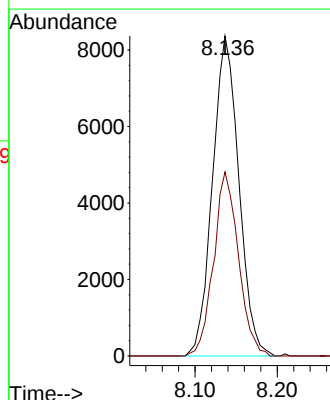
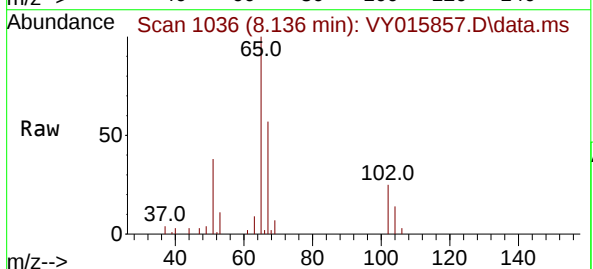
Instrument :
MSVOA_Y
ClientSampleId :
RT2662

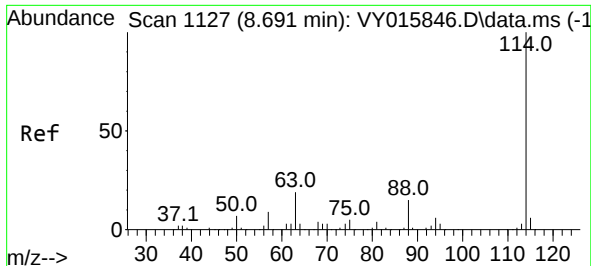
Tgt Ion:168 Resp: 35515
Ion Ratio Lower Upper
168 100
99 58.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.318 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Tgt Ion: 65 Resp: 18630
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

RT2662

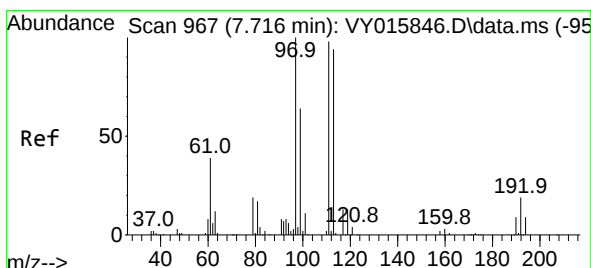
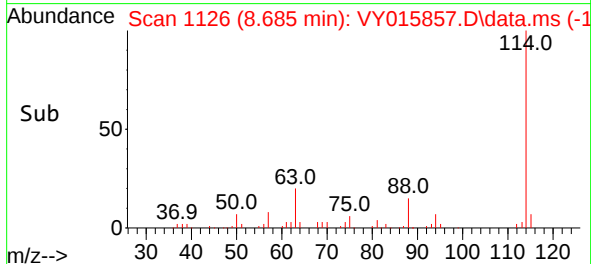
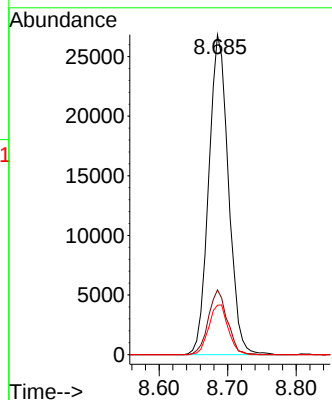
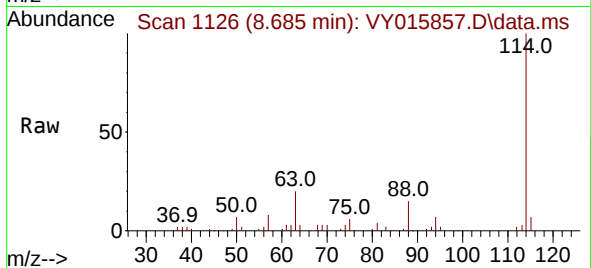
Tgt Ion:114 Resp: 53594

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.873 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

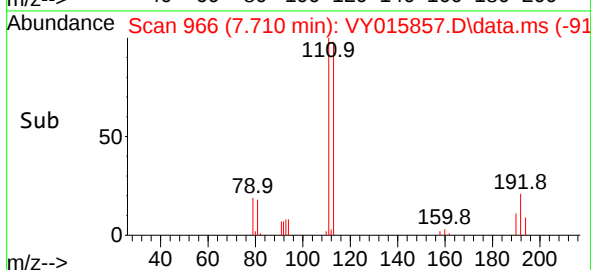
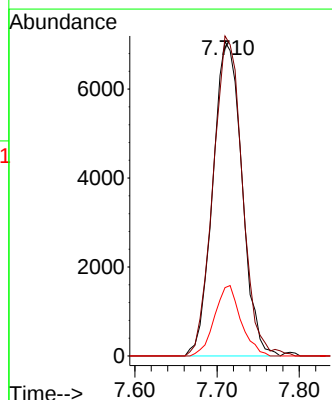
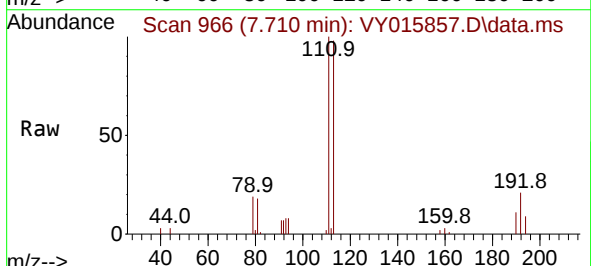
Tgt Ion:113 Resp: 17374

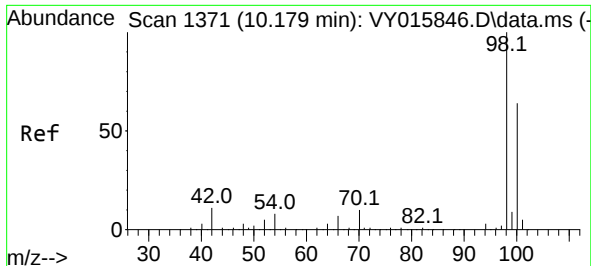
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 20.3 16.9 25.3

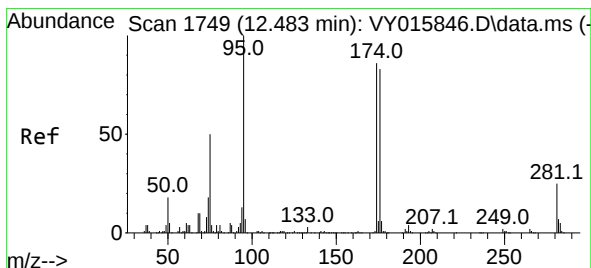
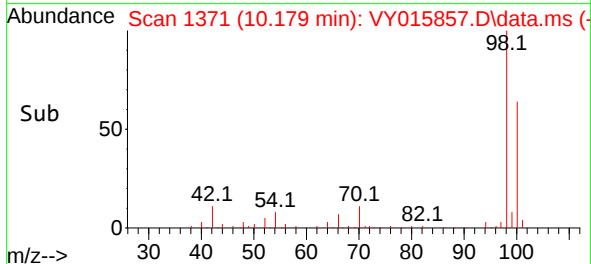
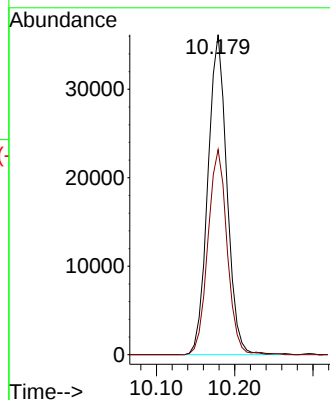
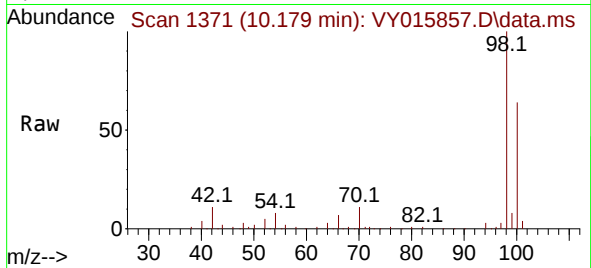




#50
Toluene-d8
Concen: 61.405 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

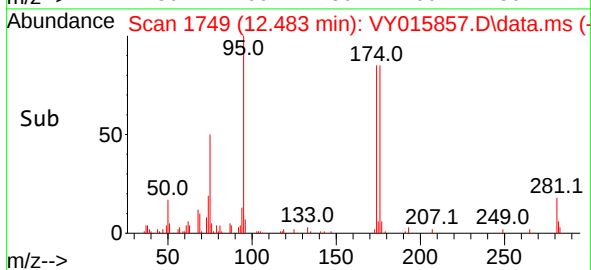
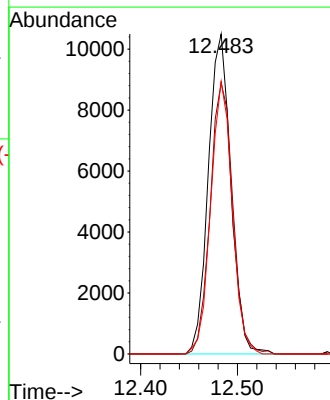
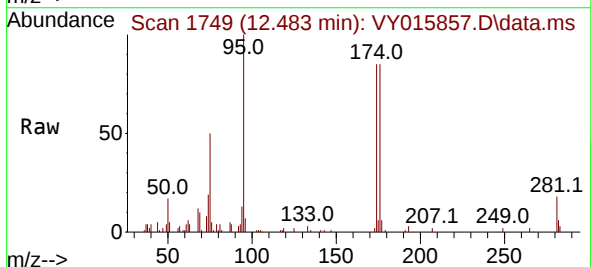
Instrument :
MSVOA_Y
ClientSampleId :
RT2662

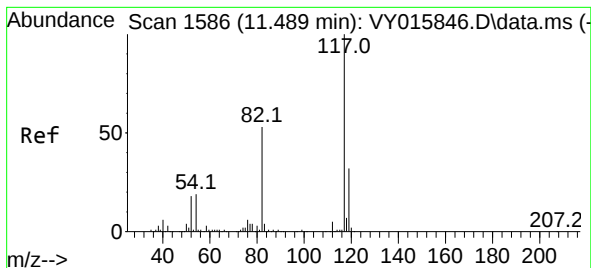
Tgt Ion: 98 Resp: 60904
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.930 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Tgt Ion: 95 Resp: 16999
Ion Ratio Lower Upper
95 100
174 85.4 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: VY015857.D

Acq: 06 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

RT2662

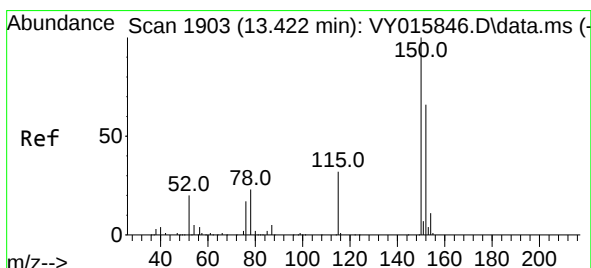
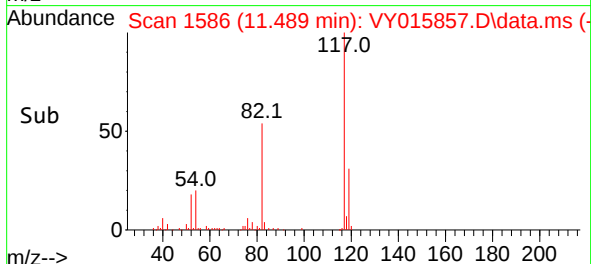
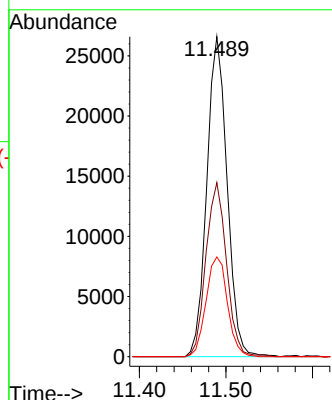
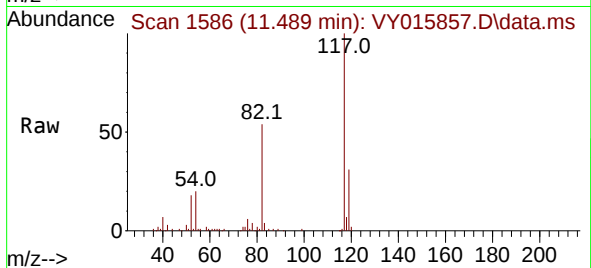
Tgt Ion:117 Resp: 43300

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

Tgt Ion:152 Resp: 16963

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.8 0.0 348.8

