

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016856.D
 Acq On : 26 Dec 2023 16:29
 Operator : SY/MD
 Sample : 06015-03
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-317-0-2D

Quant Time: Dec 27 01:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	101078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	219290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	220082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61042	66.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.300%
35) Dibromofluoromethane	7.734	113	63203	50.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.191	98	228286	50.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.495	95	74893	50.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.960%

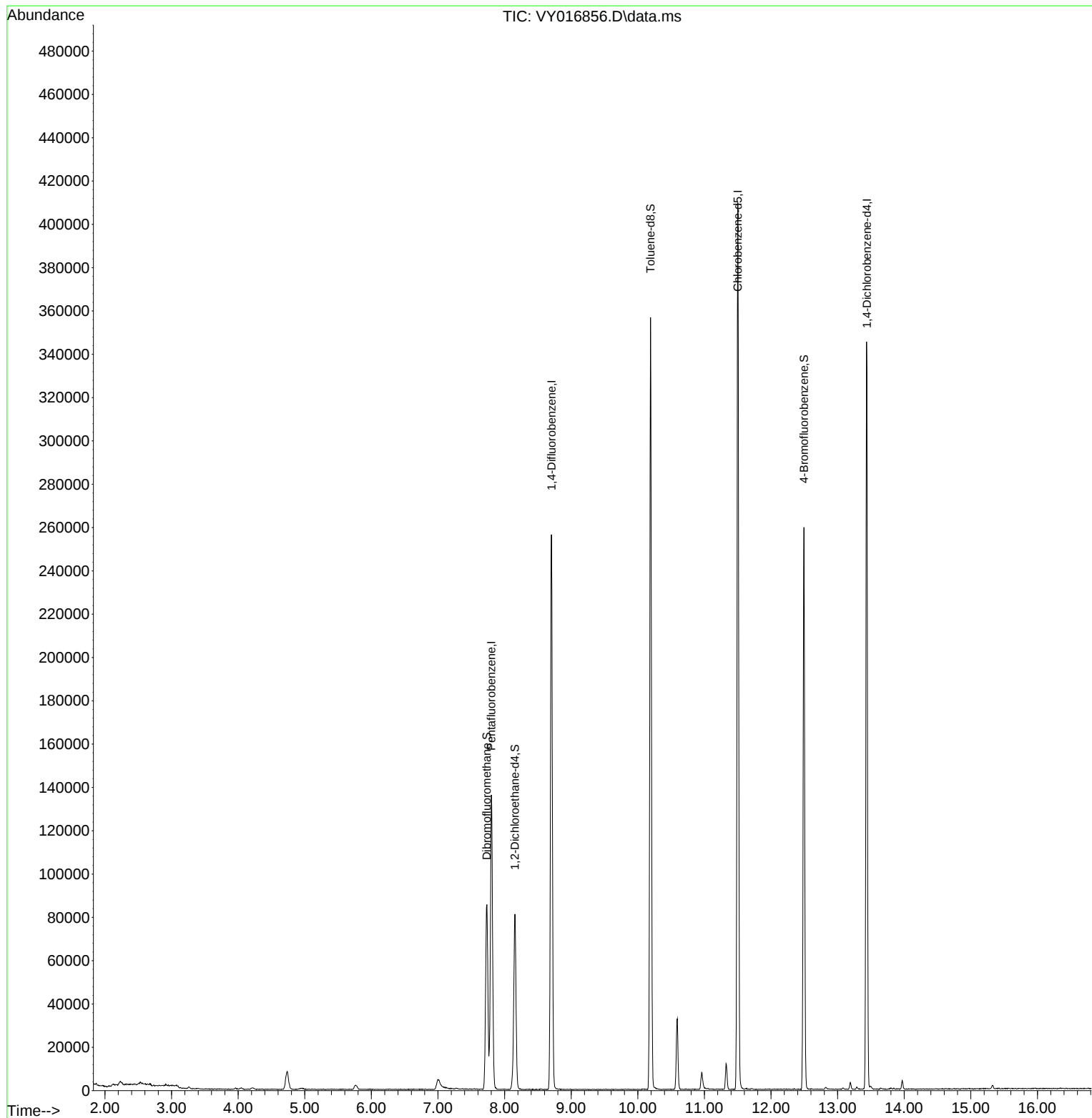
Target Compounds	Qvalue

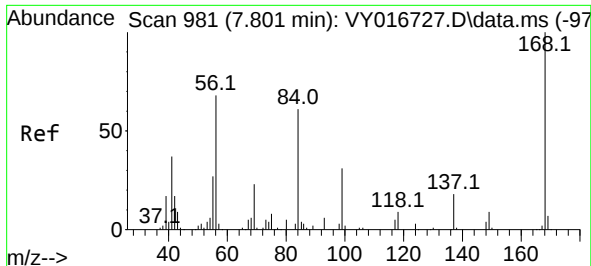
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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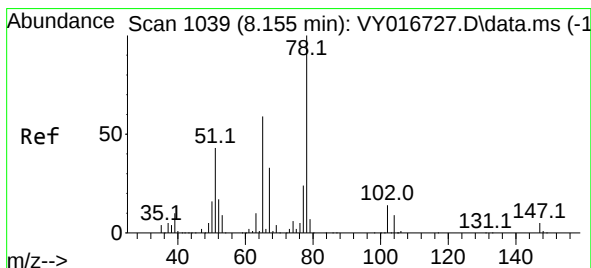
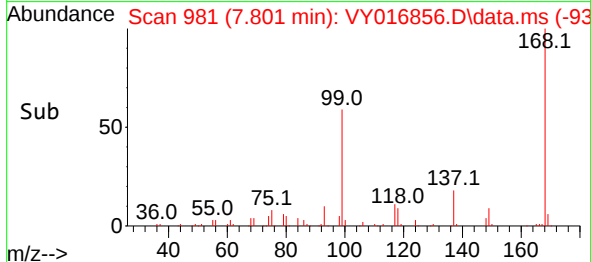
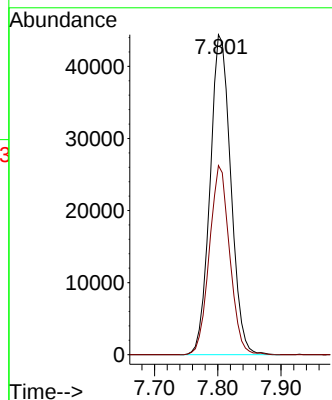
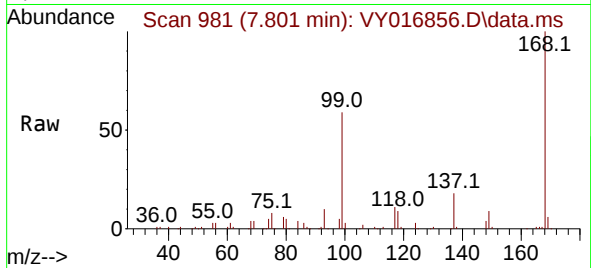




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

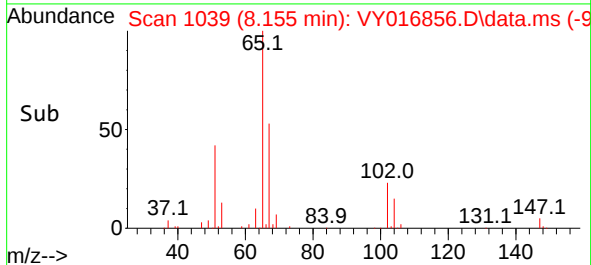
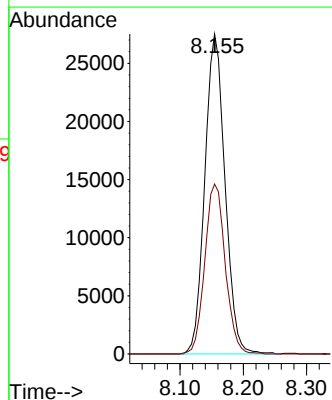
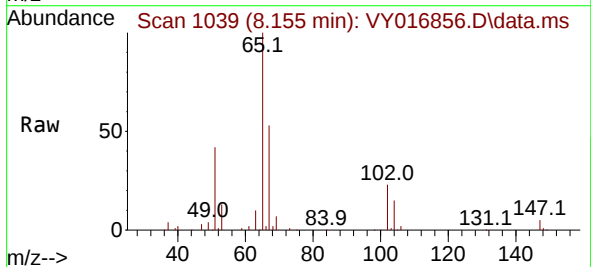
Instrument :
MSVOA_Y
ClientSampleId :
MR-317-0-2D

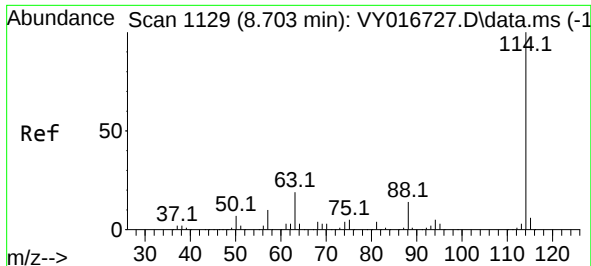
Tgt Ion:168 Resp: 101078
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 66.153 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion: 65 Resp: 61042
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0

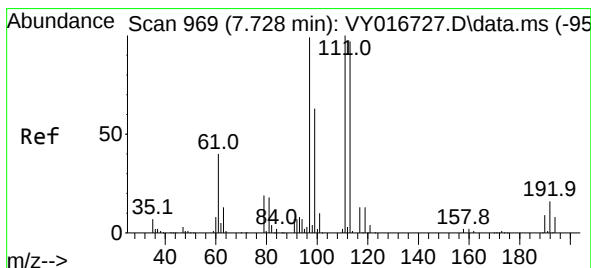
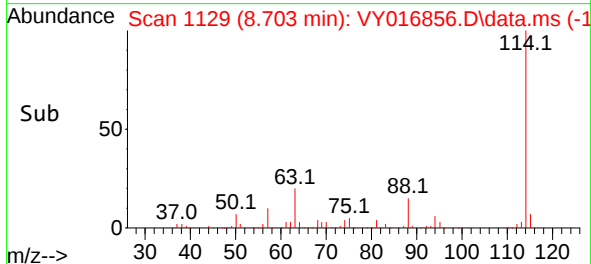
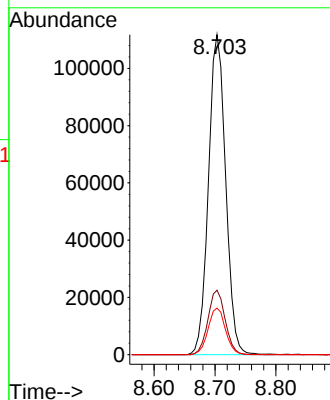
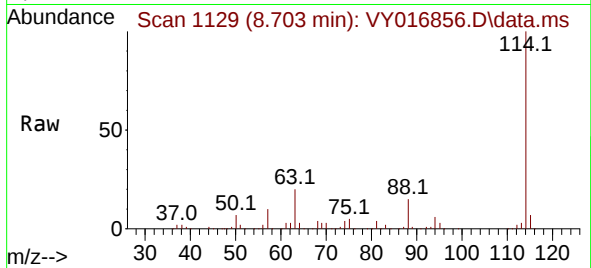




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

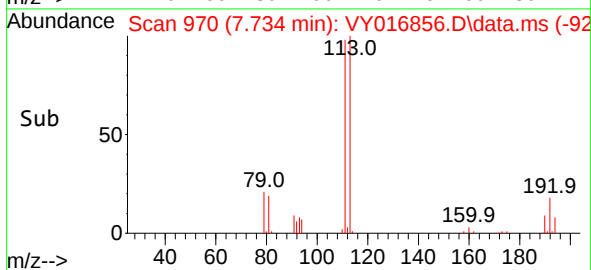
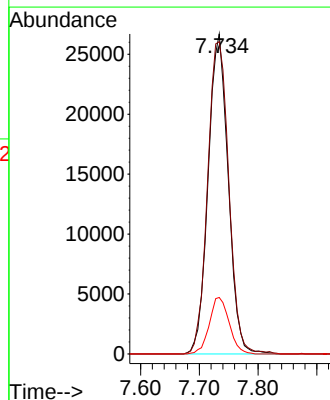
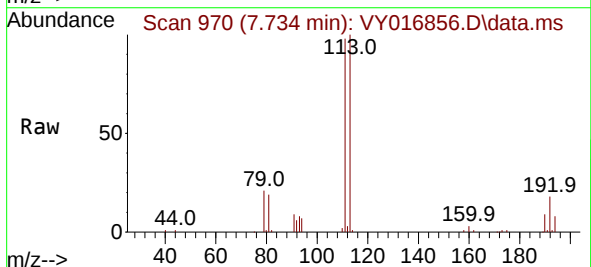
Instrument :
MSVOA_Y
ClientSampleId :
MR-317-0-2D

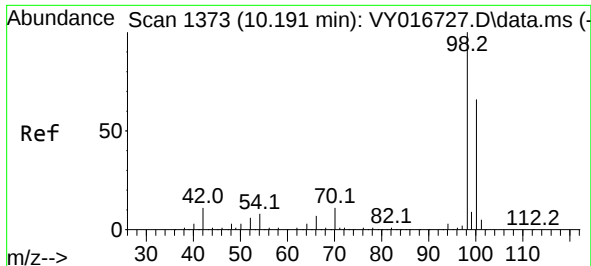
Tgt Ion:114 Resp: 219290
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.315 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion:113 Resp: 63203
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.5 14.5 21.7

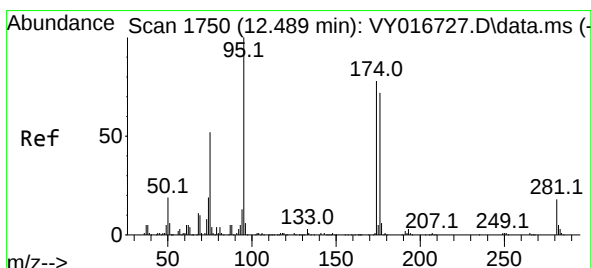
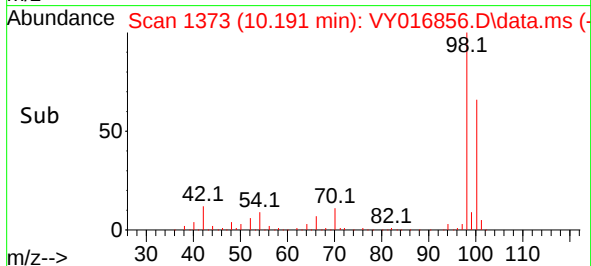
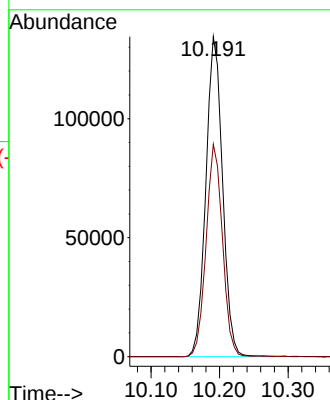
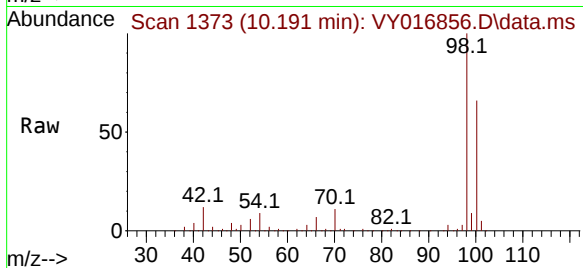




#50
Toluene-d8
Concen: 50.413 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

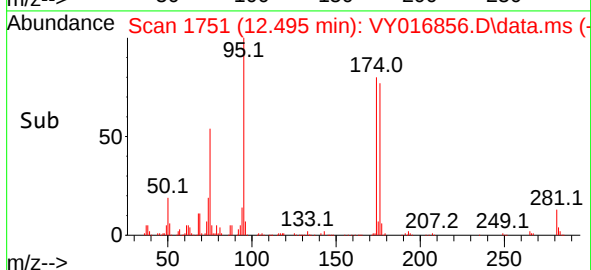
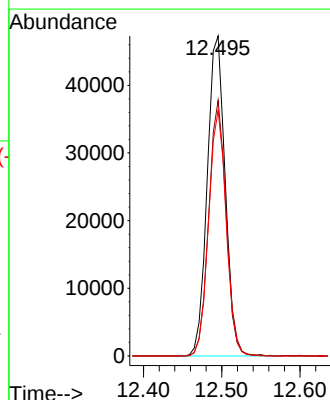
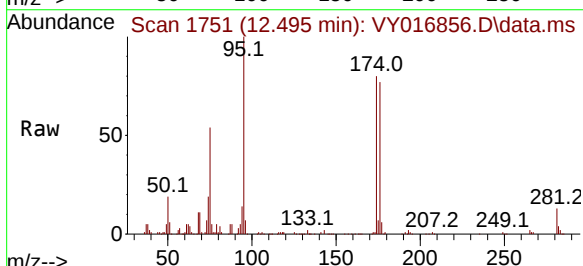
Instrument :
MSVOA_Y
ClientSampleId :
MR-317-0-2D

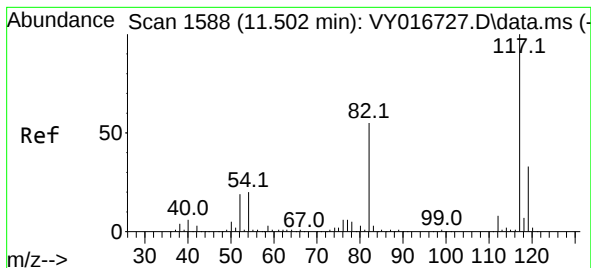
Tgt Ion: 98 Resp: 228286
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.979 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion: 95 Resp: 74893
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 74.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

MR-317-0-2D

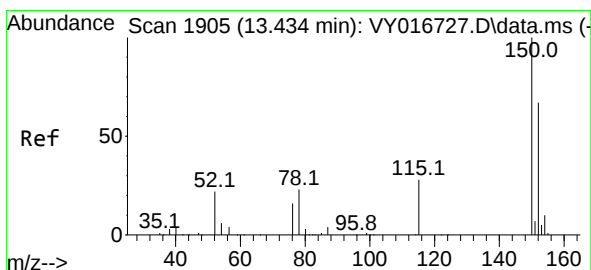
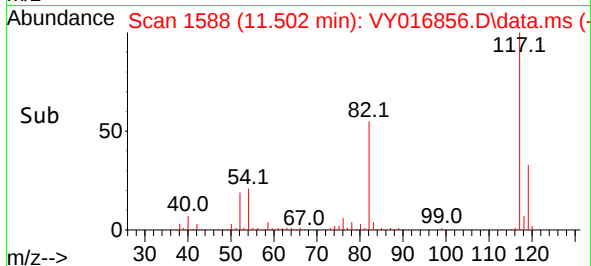
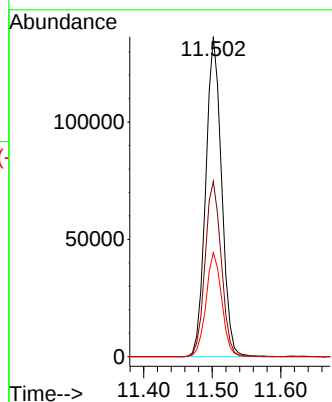
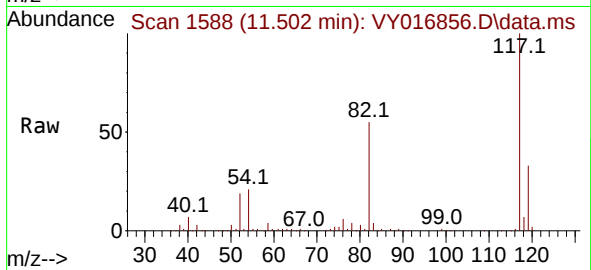
Tgt Ion:117 Resp: 220082

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.8

119 32.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

Tgt Ion:152 Resp: 85305

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 158.9 0.0 344.6

