

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016700.D
 Acq On : 19 Dec 2023 18:04
 Operator : SY/MD
 Sample : VY1219SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBL01

Quant Time: Dec 20 06:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	172732	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	264813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	217043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62405	43.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.360%
35) Dibromofluoromethane	7.734	113	67864	43.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.020%
50) Toluene-d8	10.191	98	249842	44.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.489	95	61833	38.501	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.000%

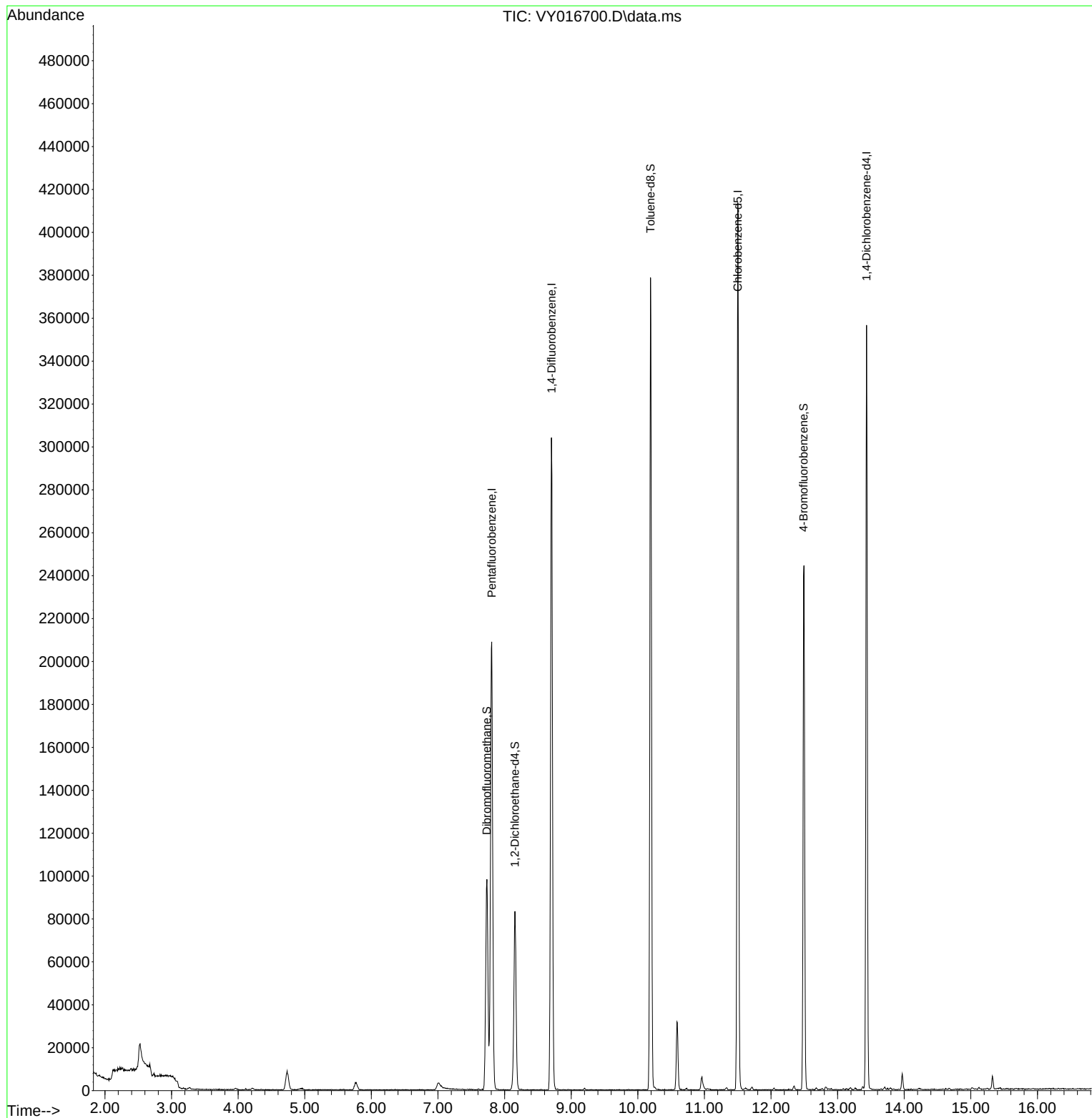
Target Compounds	Qvalue

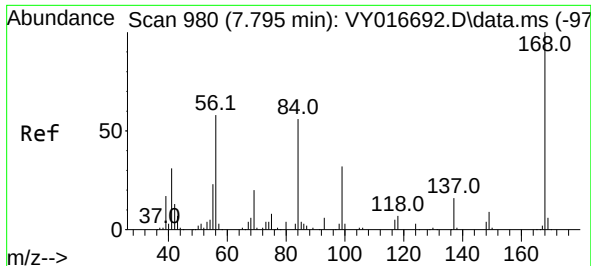
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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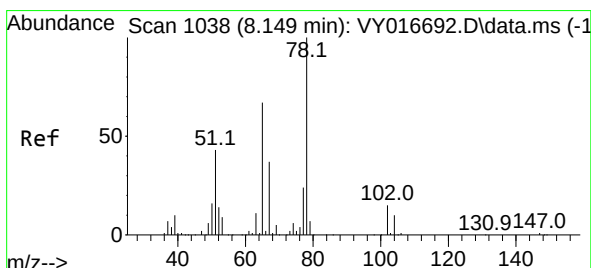
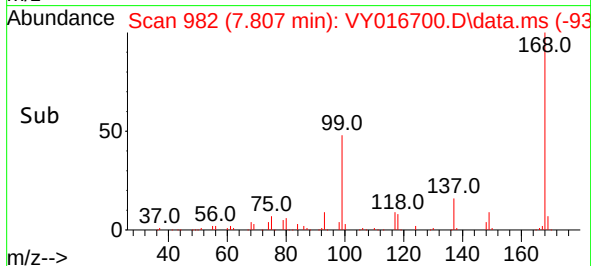
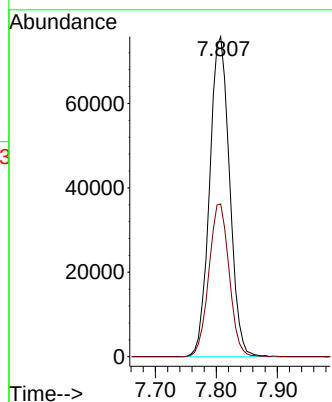
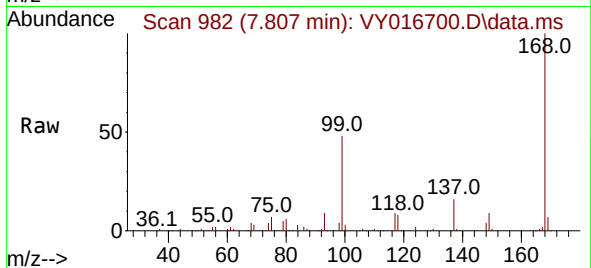




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

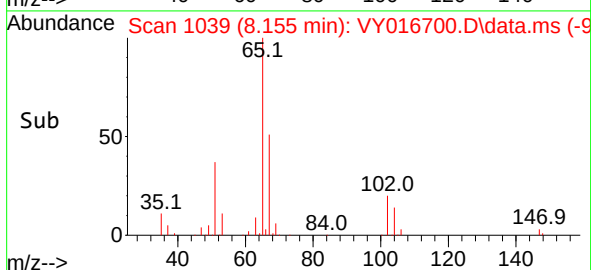
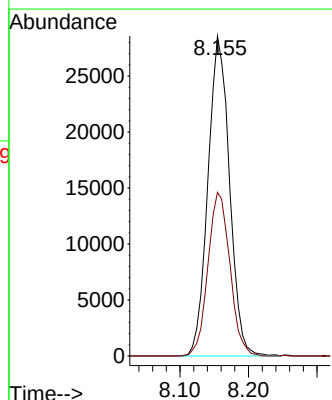
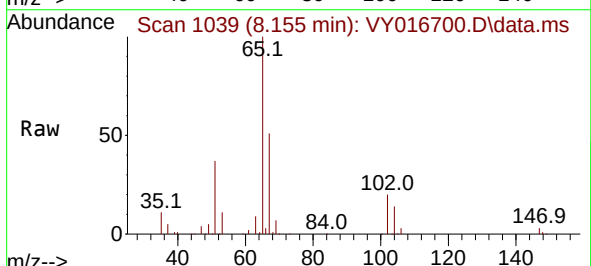
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBL01

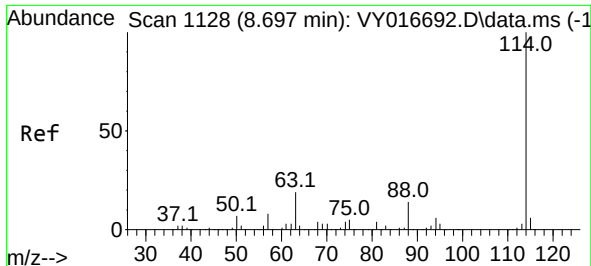
Tgt Ion:168 Resp: 172732
Ion Ratio Lower Upper
168 100
99 47.7 40.2 60.4



#33
1,2-Dichloroethane-d4
Concen: 43.679 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

Tgt Ion: 65 Resp: 62405
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016700.D

Acq: 19 Dec 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBL01

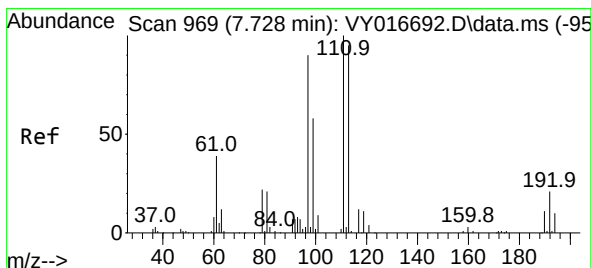
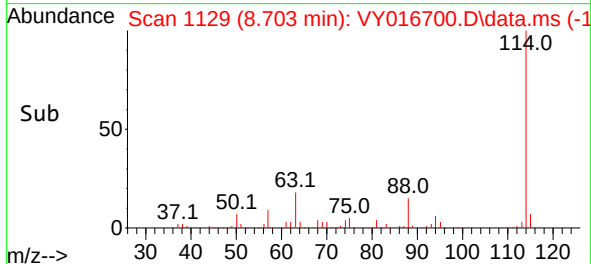
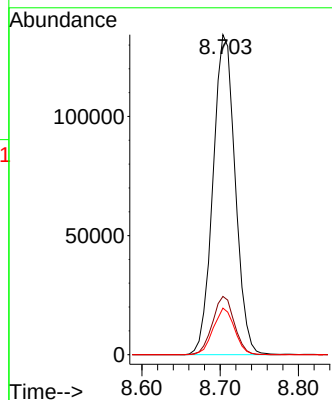
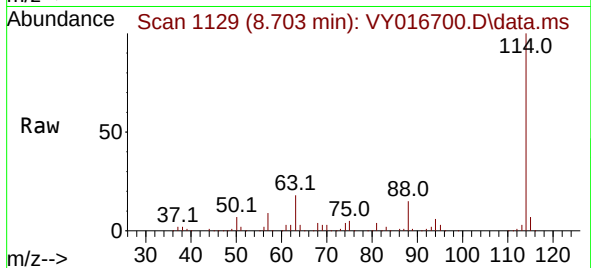
Tgt Ion:114 Resp: 264813

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 14.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 43.512 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016700.D

Acq: 19 Dec 2023 18:04

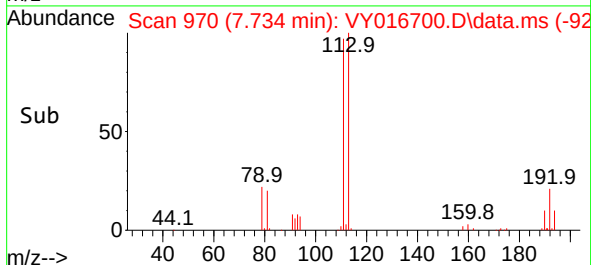
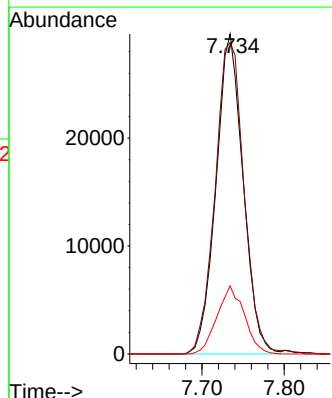
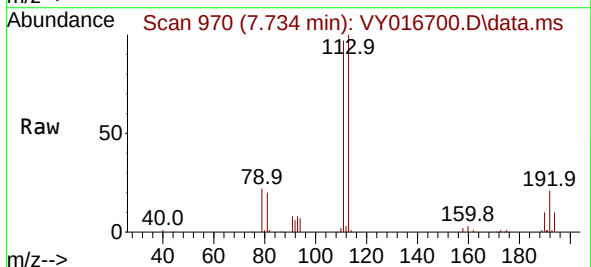
Tgt Ion:113 Resp: 67864

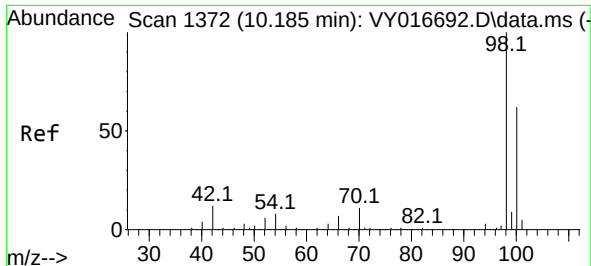
Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 21.4 16.2 24.4

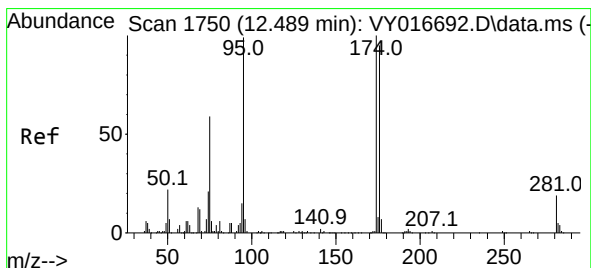
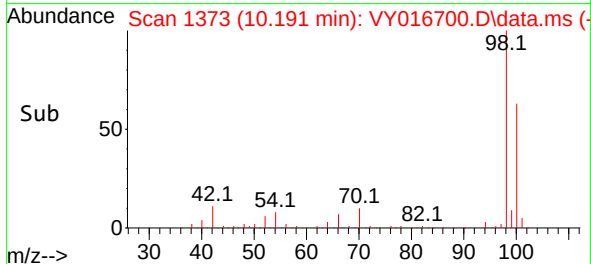
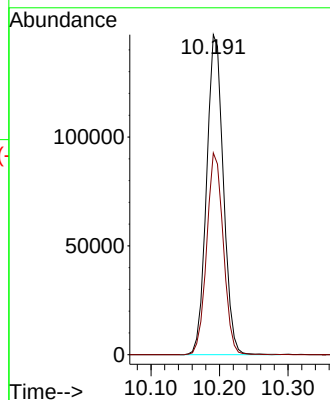
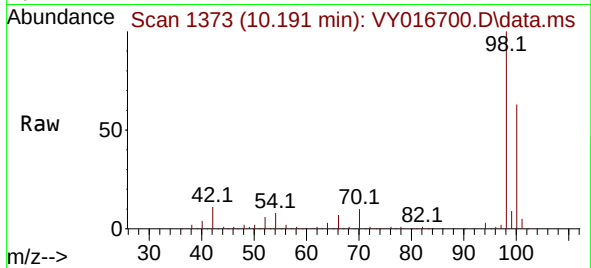




#50
Toluene-d8
Concen: 44.232 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

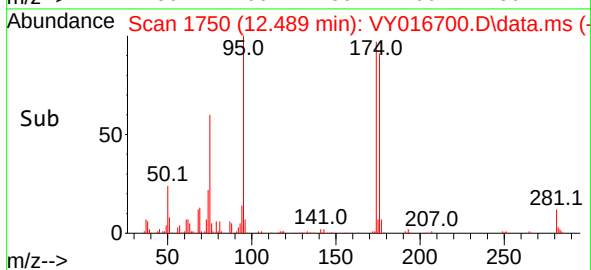
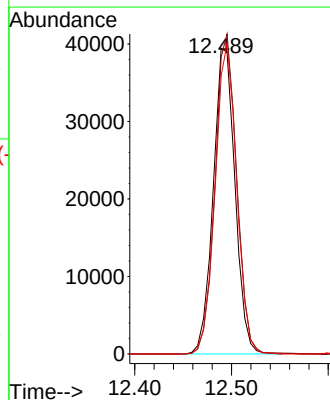
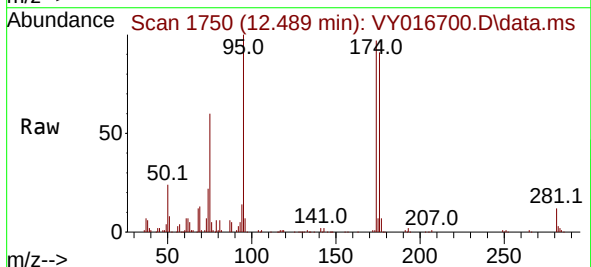
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBL01

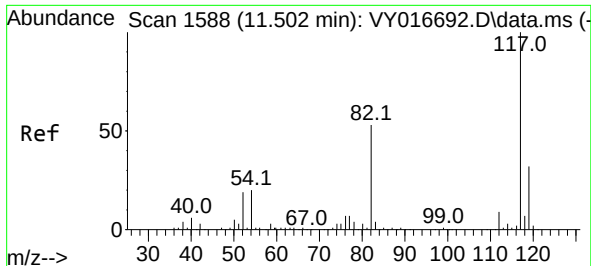
Tgt Ion: 98 Resp: 249842
Ion Ratio Lower Upper
98 100
100 62.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 38.501 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

Tgt Ion: 95 Resp: 61833
Ion Ratio Lower Upper
95 100
174 103.8 0.0 181.0
176 99.8 0.0 176.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016700.D

Acq: 19 Dec 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBL01

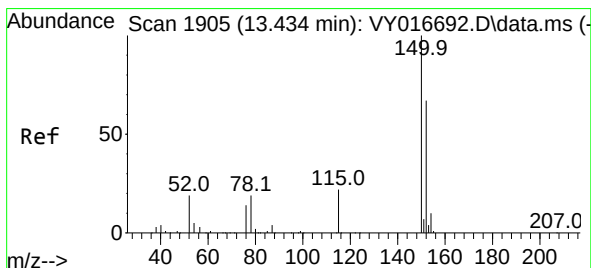
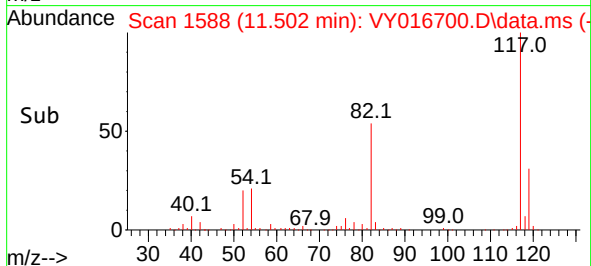
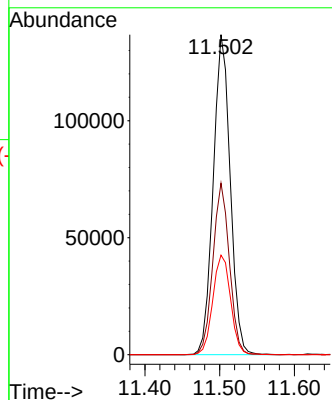
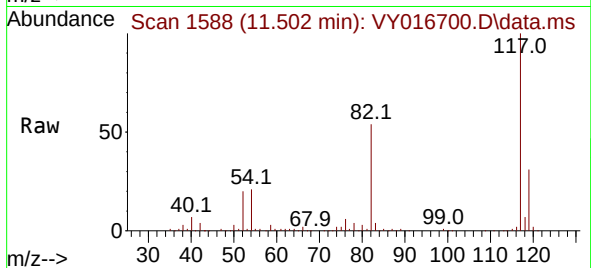
Tgt Ion:117 Resp: 217043

Ion Ratio Lower Upper

117 100

82 53.6 41.0 61.6

119 31.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016700.D

Acq: 19 Dec 2023 18:04

Tgt Ion:152 Resp: 91262

Ion Ratio Lower Upper

152 100

115 52.1 28.2 84.7

150 158.1 0.0 350.6

