

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016218.D
 Acq On : 03 Nov 2023 18:25
 Operator : SY/MD
 Sample : VY1103SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBL02

Quant Time: Nov 03 23:05:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	156310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	262248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	229087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	84663	57.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.760%
35) Dibromofluoromethane	7.734	113	79950	51.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.191	98	316314	51.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.489	95	104272	49.193	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.380%

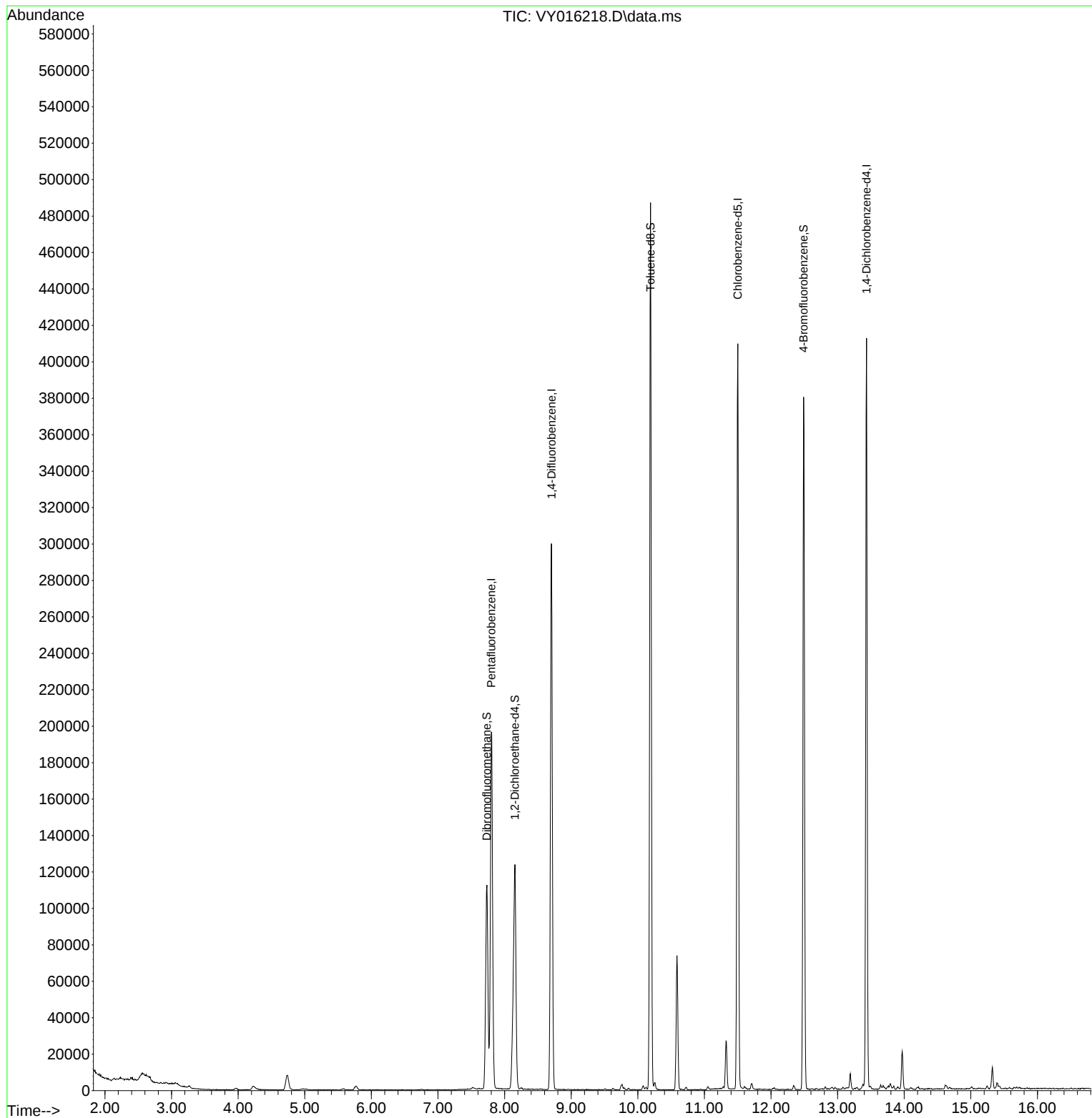
Target Compounds	Qvalue

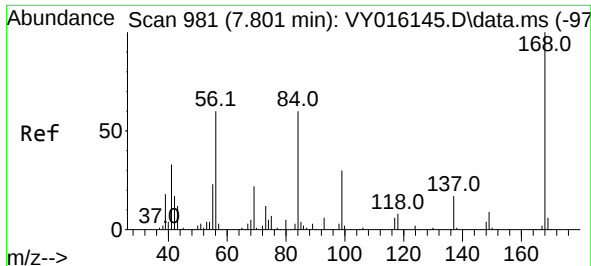
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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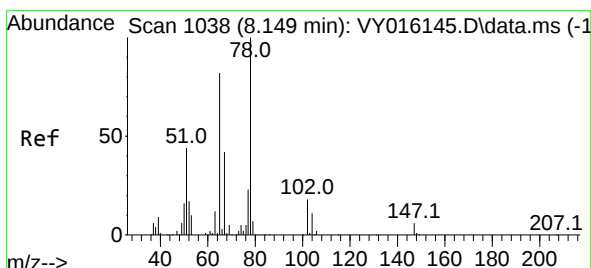
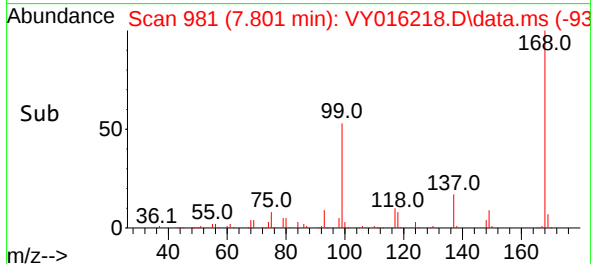
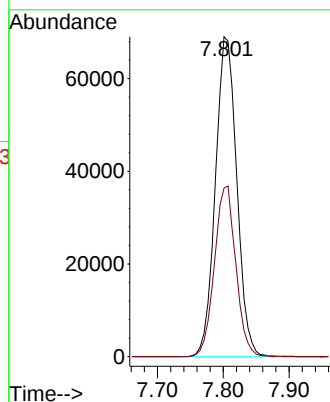
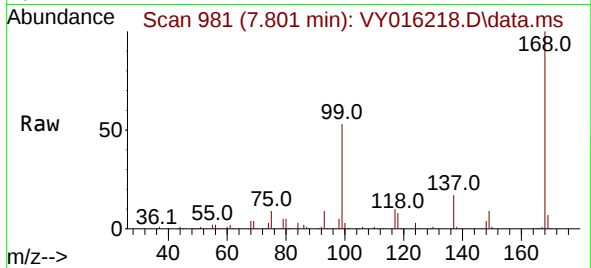




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

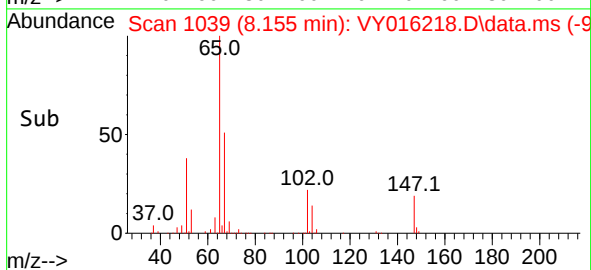
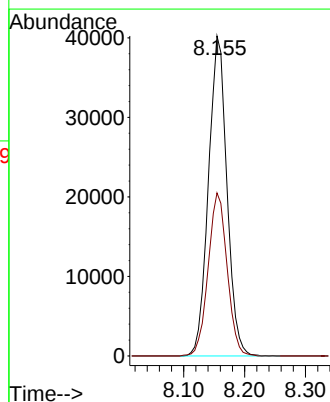
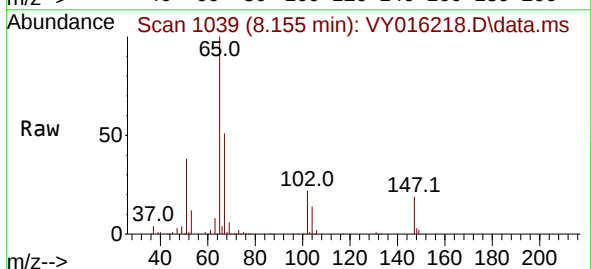
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL02

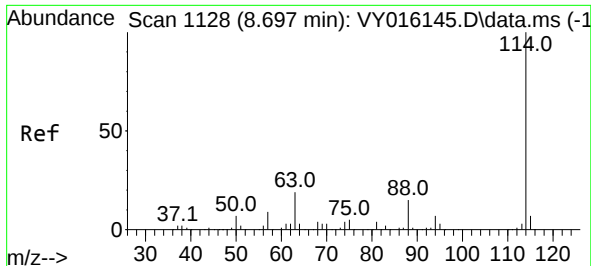
Tgt Ion:168 Resp: 156310
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.884 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Tgt Ion: 65 Resp: 84663
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016218.D

Acq: 03 Nov 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBL02

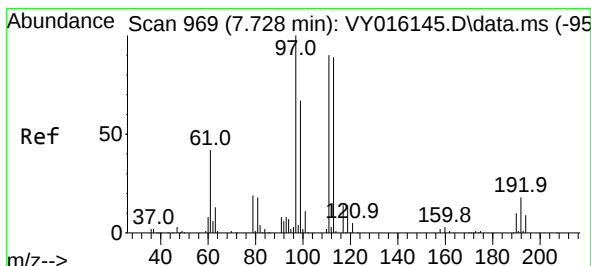
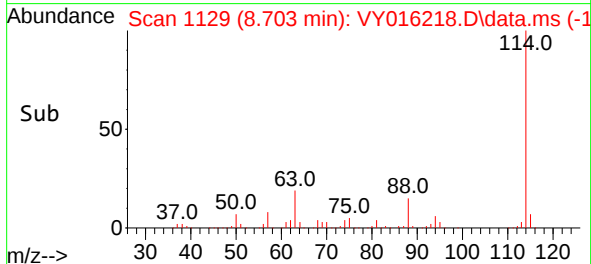
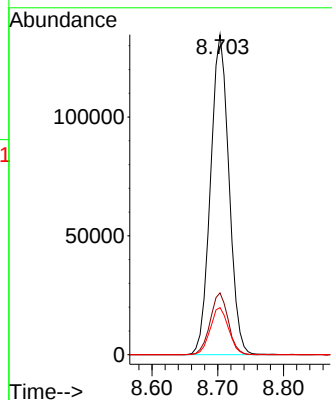
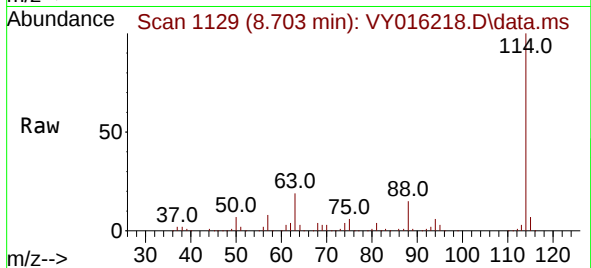
Tgt Ion:114 Resp: 262248

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.137 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016218.D

Acq: 03 Nov 2023 18:25

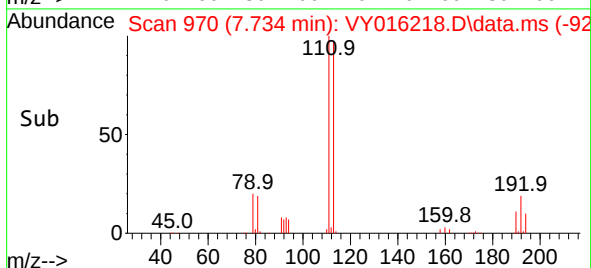
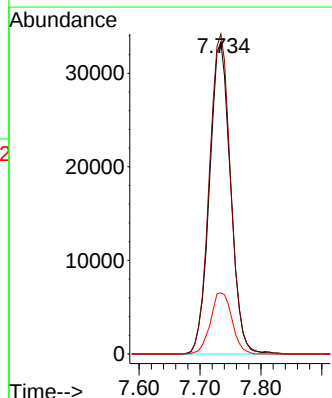
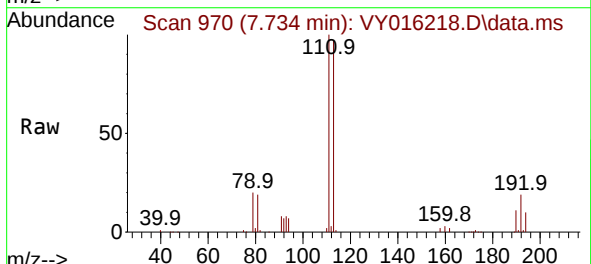
Tgt Ion:113 Resp: 79950

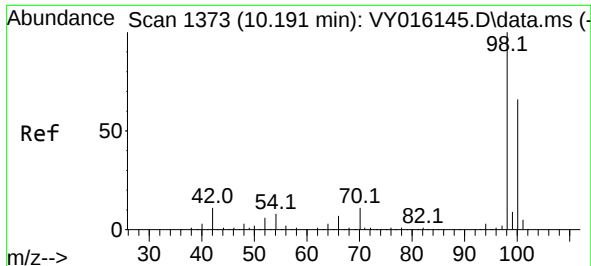
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 20.0 16.9 25.3

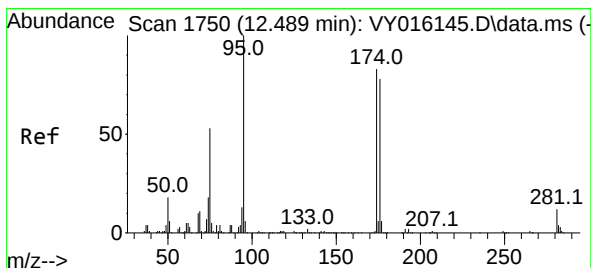
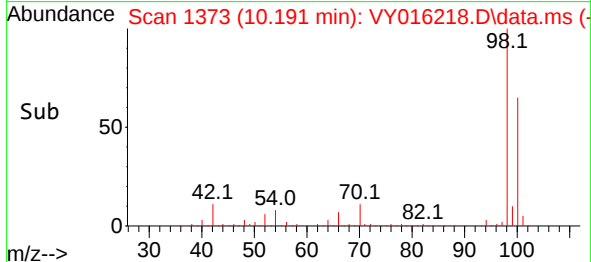
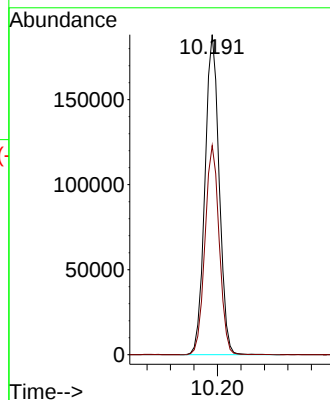
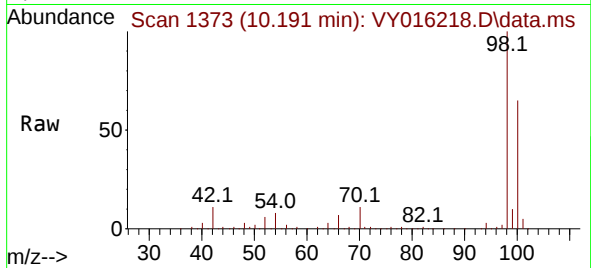




#50
Toluene-d8
Concen: 51.029 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

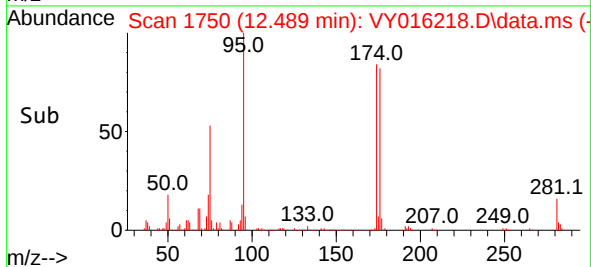
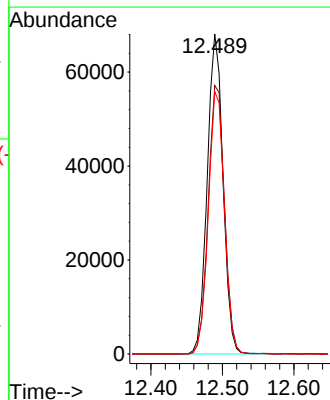
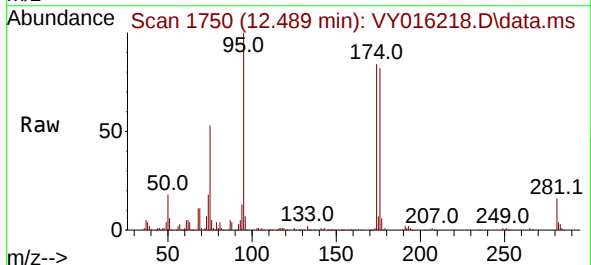
Instrument :
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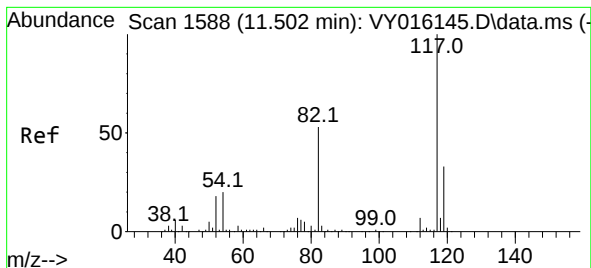
Tgt Ion: 98 Resp: 316314
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.193 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Tgt Ion: 95 Resp: 104272
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016218.D

Acq: 03 Nov 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBL02

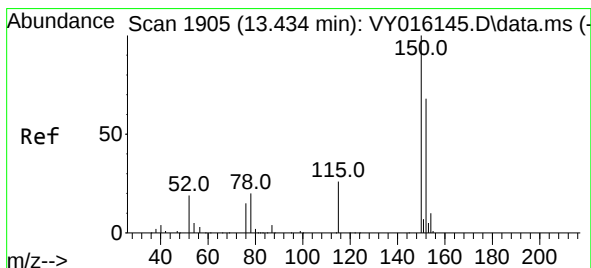
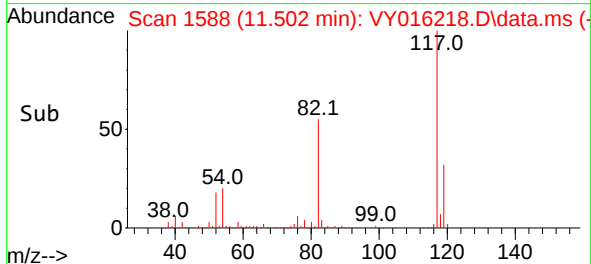
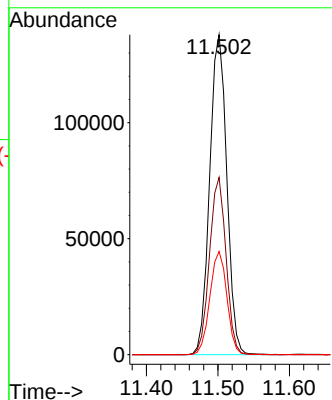
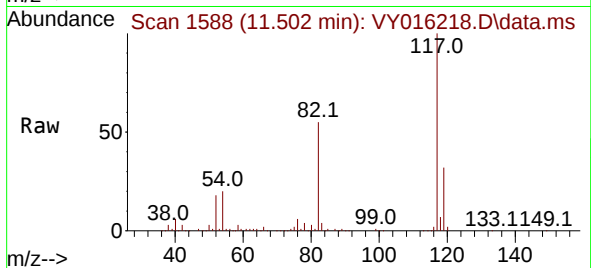
Tgt Ion:117 Resp: 229087

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016218.D

Acq: 03 Nov 2023 18:25

Tgt Ion:152 Resp: 103784

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 157.7 0.0 348.8

