

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013270.D
 Acq On : 12 Apr 2023 16:35
 Operator : KP/MD
 Sample : 02292-01
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IDW-SO-VB3-041123

Quant Time: Apr 13 06:16:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	173159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	290336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123826	59.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.000%
35) Dibromofluoromethane	7.710	113	102203	54.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.173	98	357506	51.100	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.477	95	110142	48.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.900%

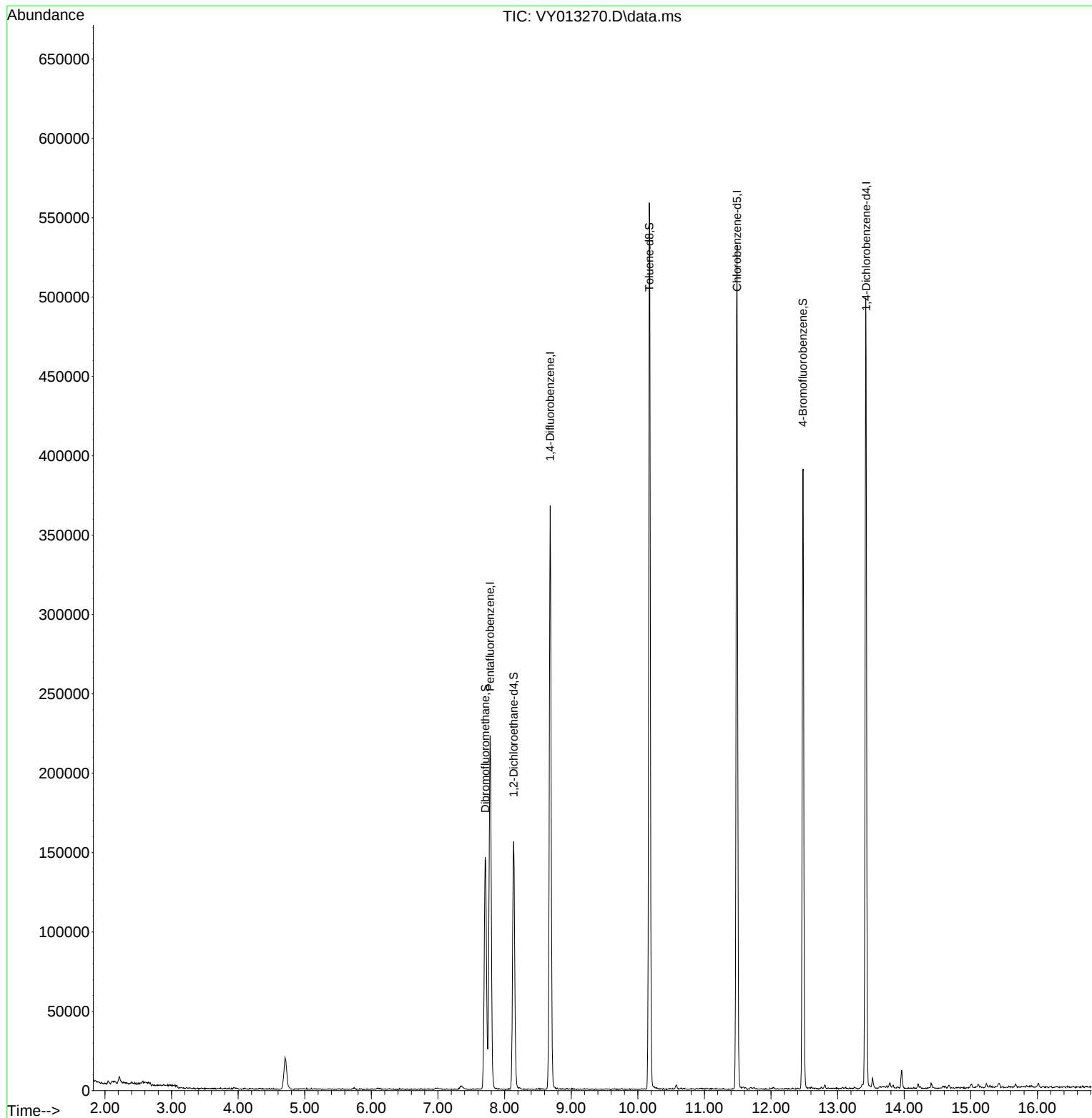
Target Compounds	Qvalue

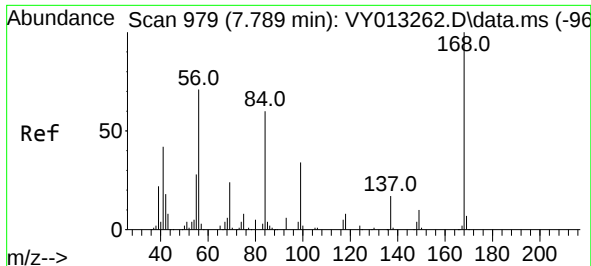
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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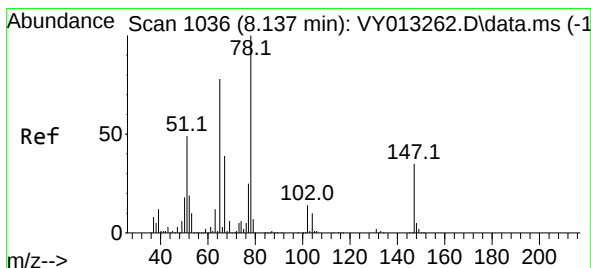
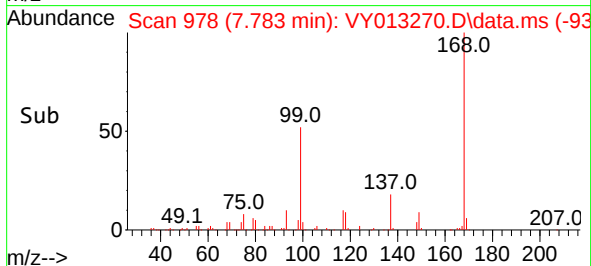
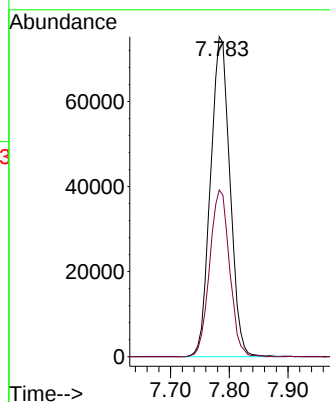
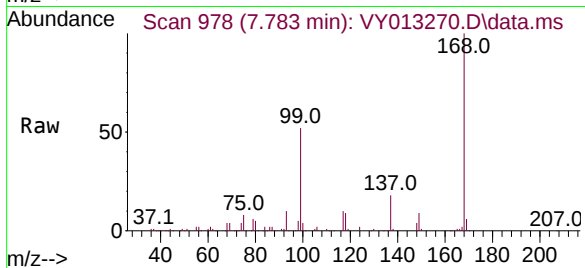




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013270.D
Acq: 12 Apr 2023 16:35

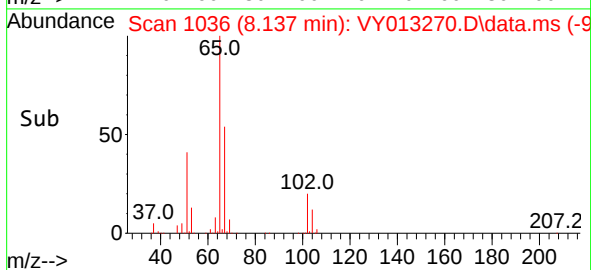
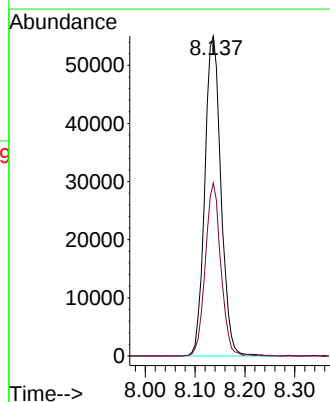
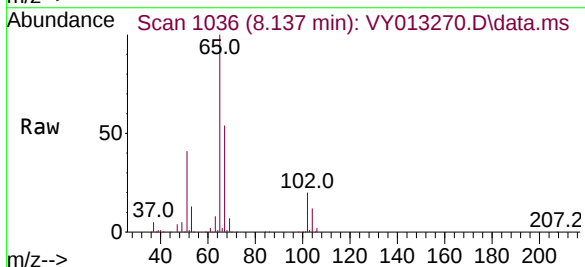
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-VB3-041123

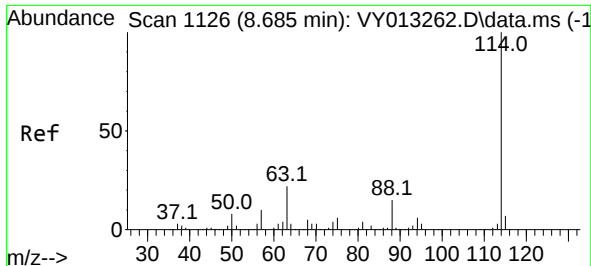
Tgt Ion:168 Resp: 173159
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 59.504 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013270.D
Acq: 12 Apr 2023 16:35

Tgt Ion: 65 Resp: 123826
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013270.D

Acq: 12 Apr 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-VB3-041123

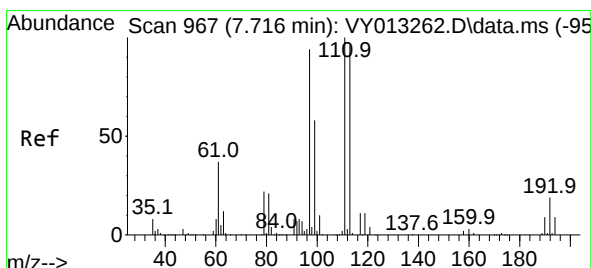
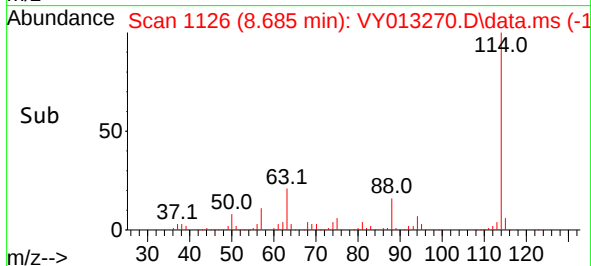
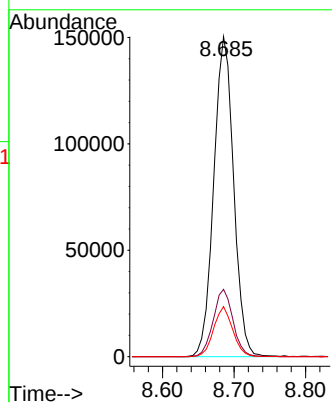
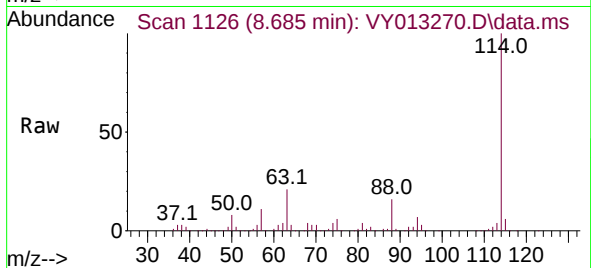
Tgt Ion:114 Resp: 290336

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.374 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013270.D

Acq: 12 Apr 2023 16:35

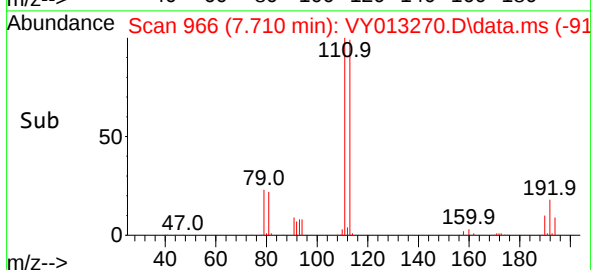
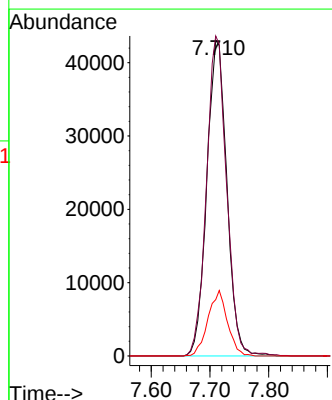
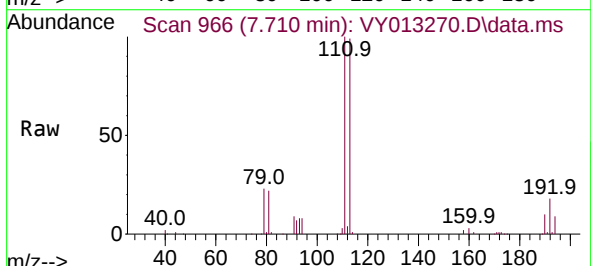
Tgt Ion:113 Resp: 102203

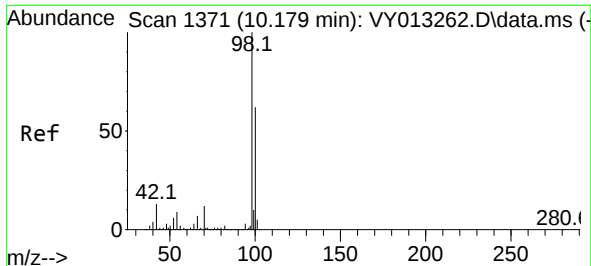
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 20.1 16.8 25.2

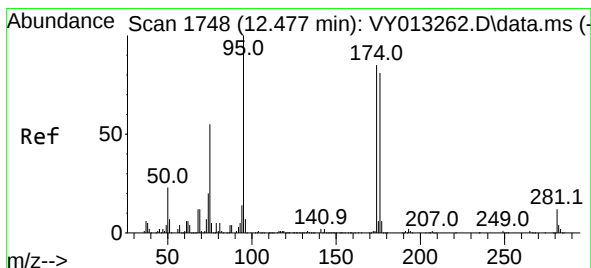
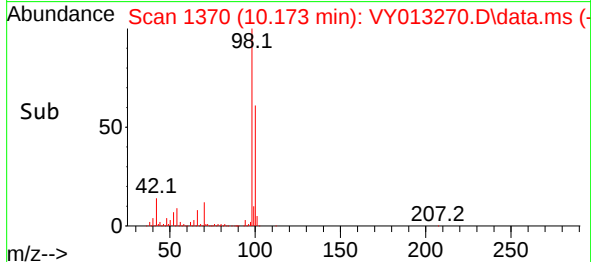
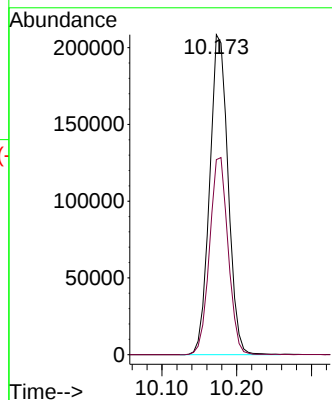
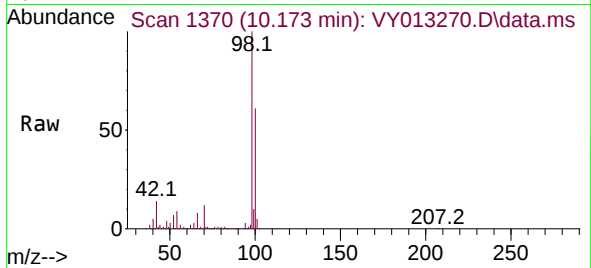




#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013270.D
Acq: 12 Apr 2023 16:35

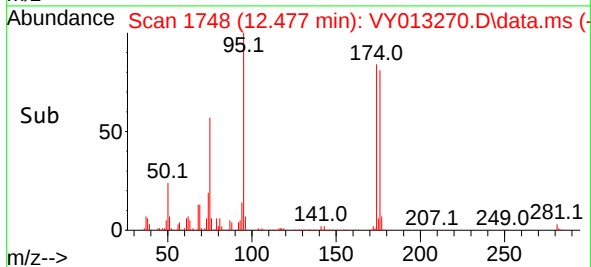
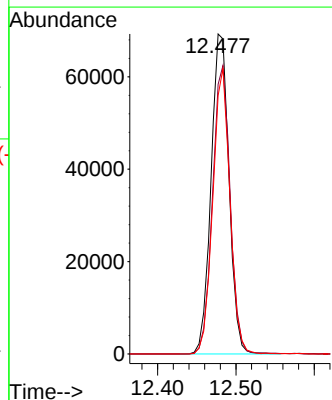
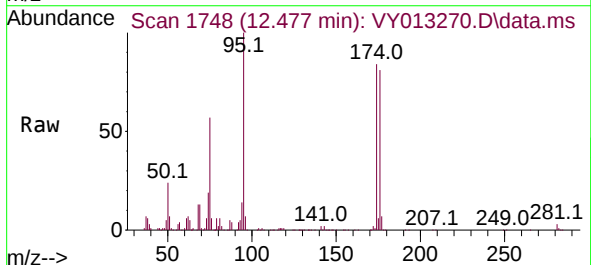
Instrument :
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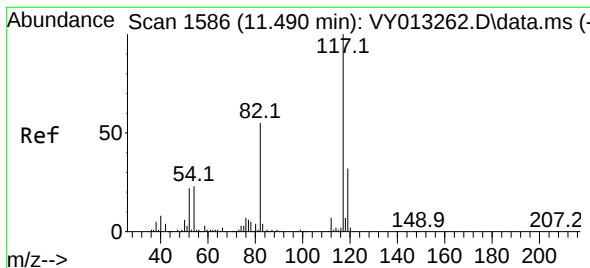
Tgt Ion: 98 Resp: 357506
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013270.D
Acq: 12 Apr 2023 16:35

Tgt Ion: 95 Resp: 110142
Ion Ratio Lower Upper
95 100
174 88.8 0.0 176.6
176 85.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013270.D

Acq: 12 Apr 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-VB3-041123

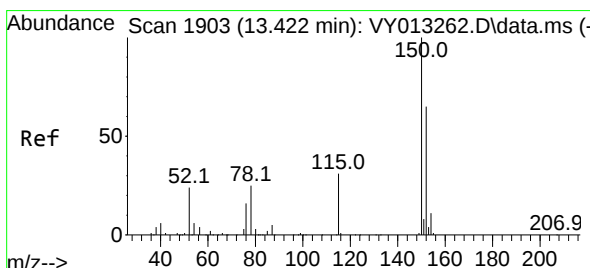
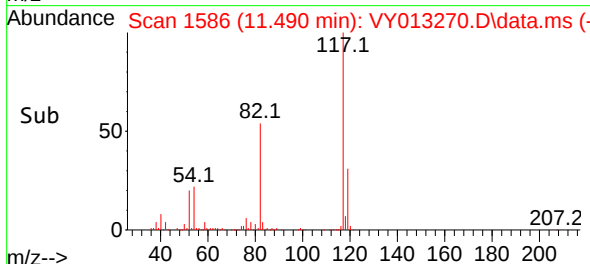
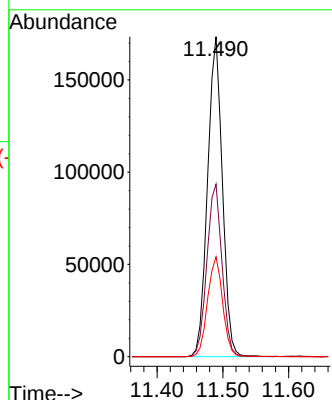
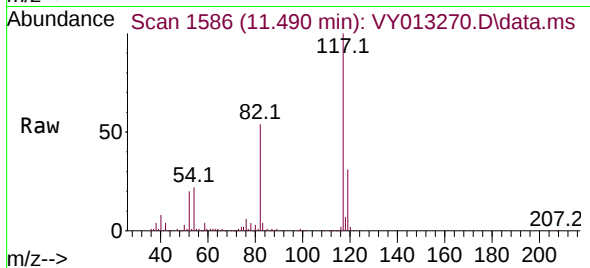
Tgt Ion:117 Resp: 271671

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

119 31.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013270.D

Acq: 12 Apr 2023 16:35

Tgt Ion:152 Resp: 122057

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 158.0 0.0 347.8

