

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019893.D
 Acq On : 14 Oct 2024 16:27
 Operator : SY/MD
 Sample : P4395-01
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 F05308-SOLID

Quant Time: Oct 15 01:38:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	11525	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	18133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	6780	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	898	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3656	25.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	51.520%
35) Dibromofluoromethane	7.640	113	3751	31.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.700%
50) Toluene-d8	10.109	98	15969	36.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.280%
62) 4-Bromofluorobenzene	12.408	95	1687	10.566	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	21.140%#

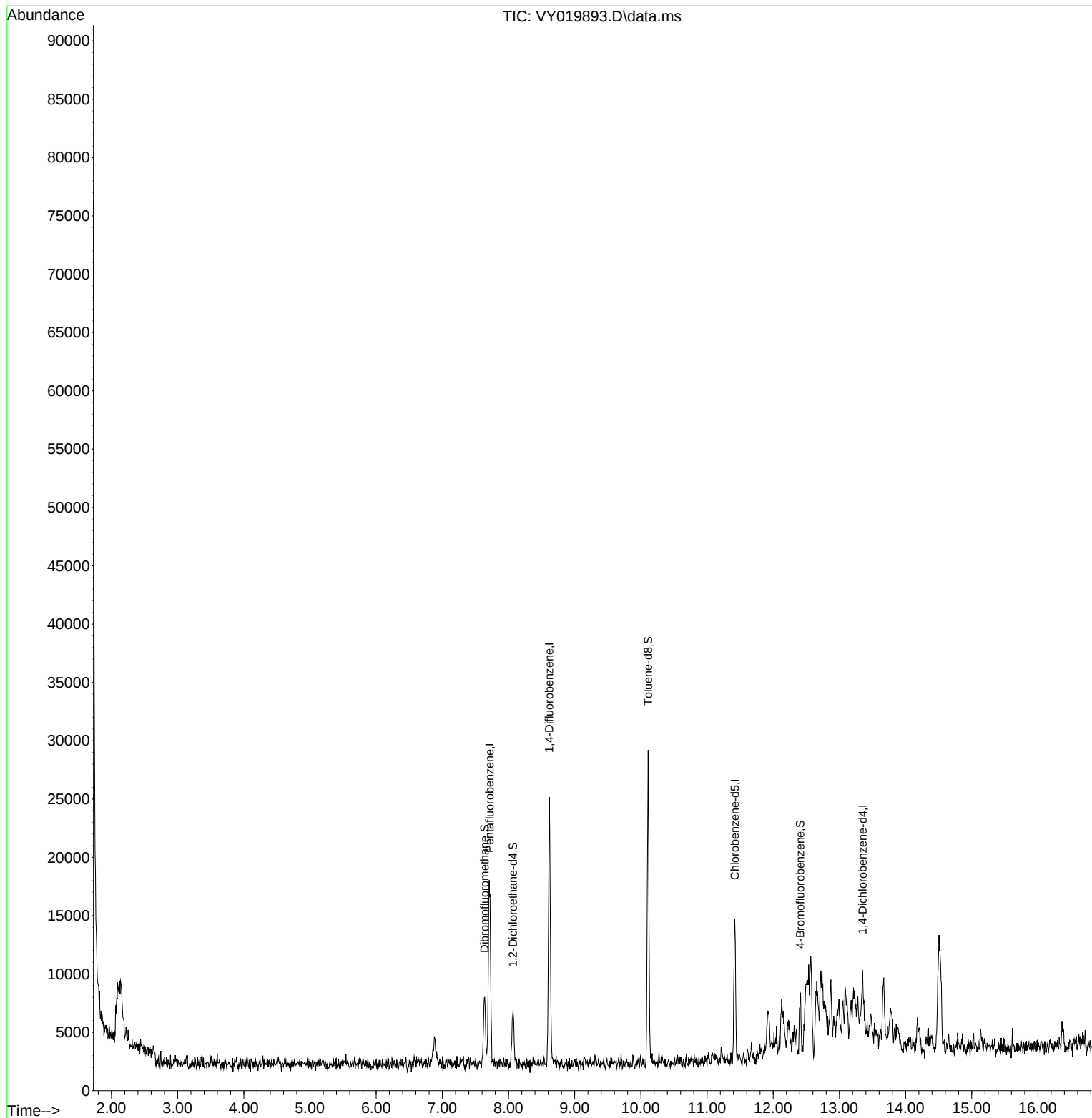
Target Compounds	Qvalue

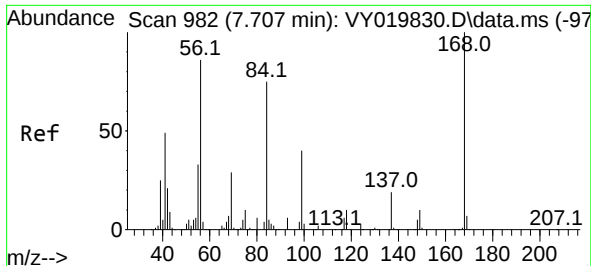
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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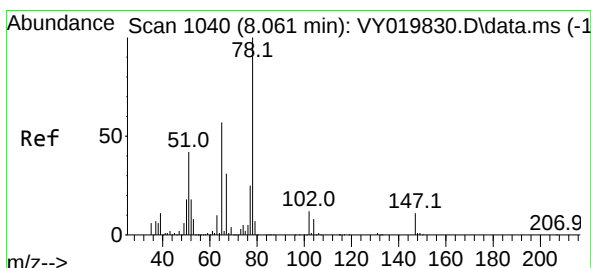
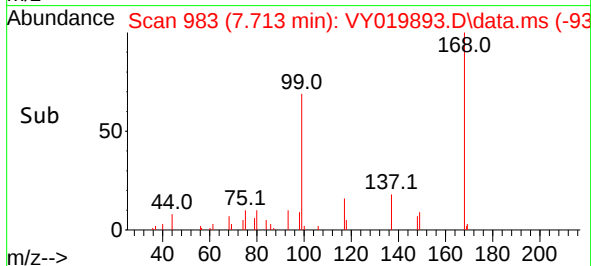
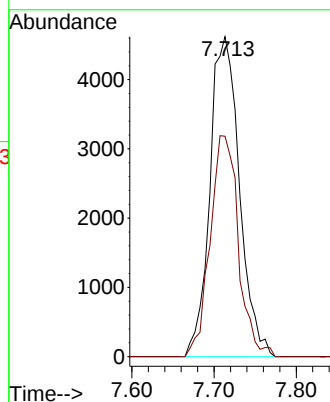
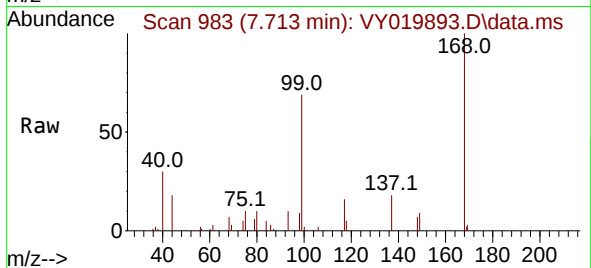




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019893.D
Acq: 14 Oct 2024 16:27

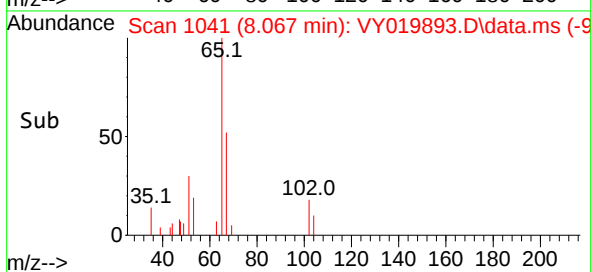
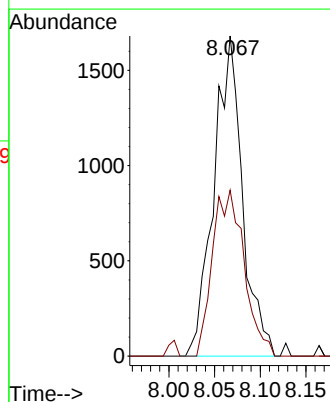
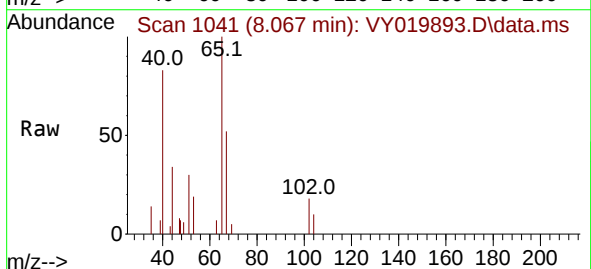
Instrument :
MSVOA_Y
ClientSampleId :
F05308-SOLID

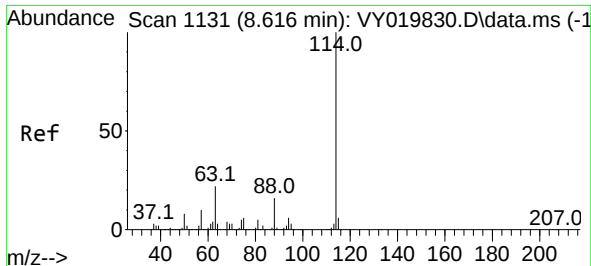
Tgt Ion:168 Resp: 11525
Ion Ratio Lower Upper
168 100
99 68.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 25.763 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019893.D
Acq: 14 Oct 2024 16:27

Tgt Ion: 65 Resp: 3656
Ion Ratio Lower Upper
65 100
67 57.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019893.D

Acq: 14 Oct 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

F05308-SOLID

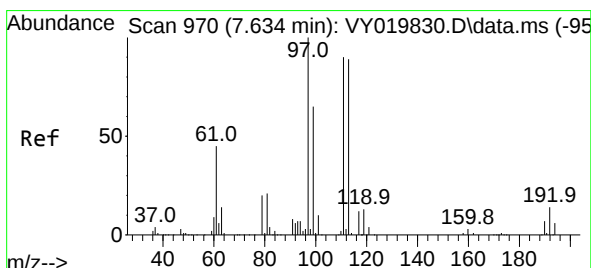
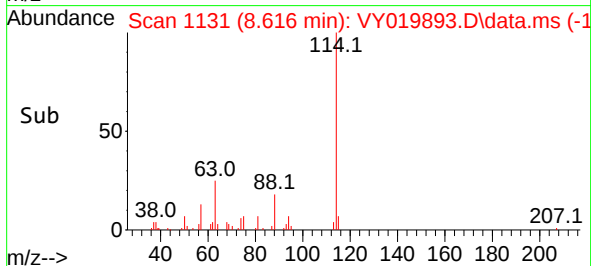
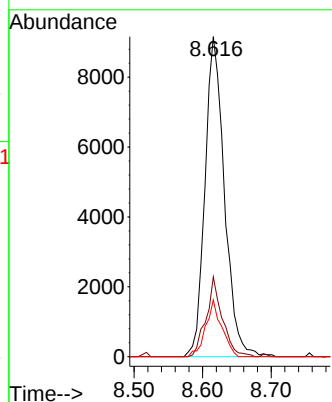
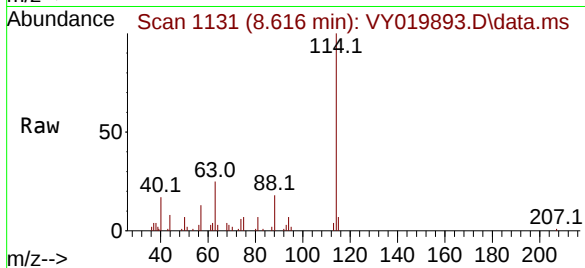
Tgt Ion:114 Resp: 18133

Ion Ratio Lower Upper

114 100

63 25.0 0.0 35.0

88 17.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 31.348 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY019893.D

Acq: 14 Oct 2024 16:27

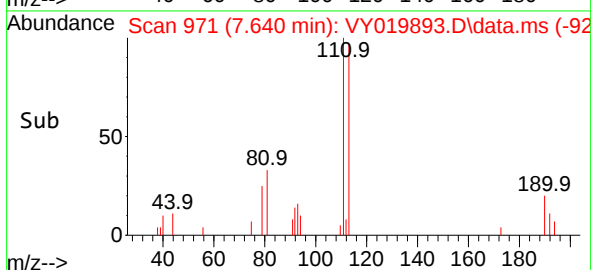
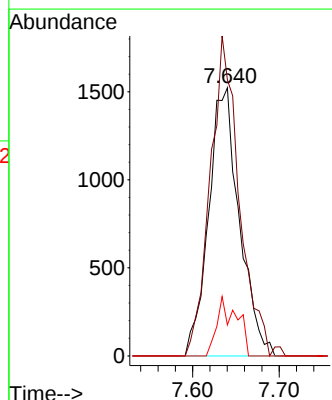
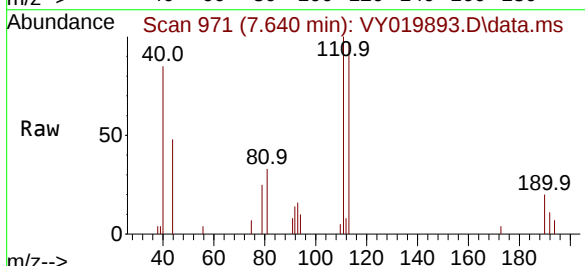
Tgt Ion:113 Resp: 3751

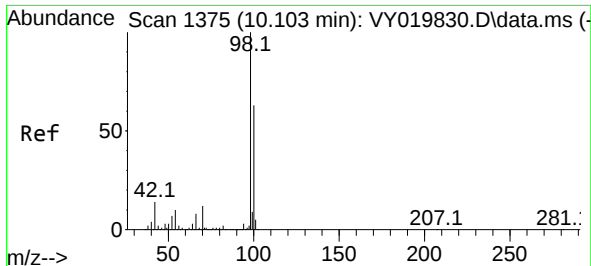
Ion Ratio Lower Upper

113 100

111 113.1 82.2 123.4

192 14.2 15.9 23.9#





#50

Toluene-d8

Concen: 36.139 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019893.D

Acq: 14 Oct 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

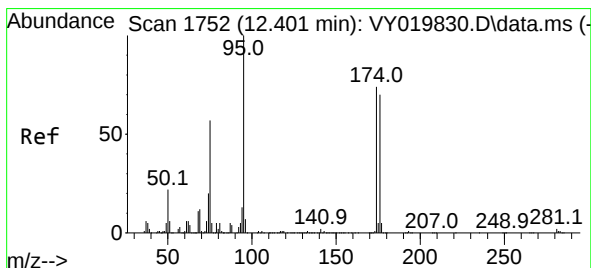
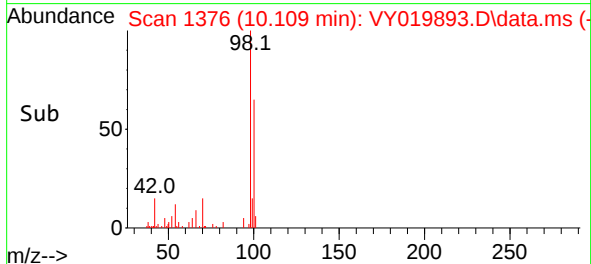
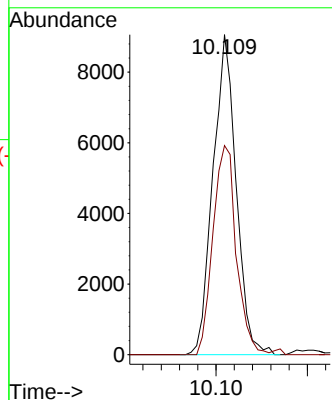
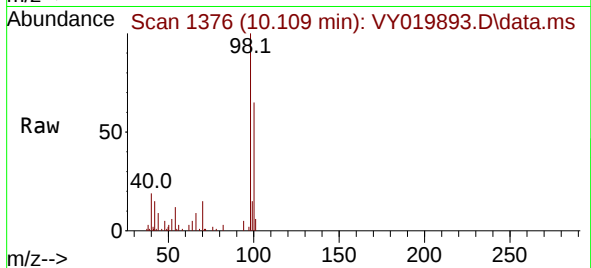
F05308-SOLID

Tgt Ion: 98 Resp: 15969

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 10.566 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019893.D

Acq: 14 Oct 2024 16:27

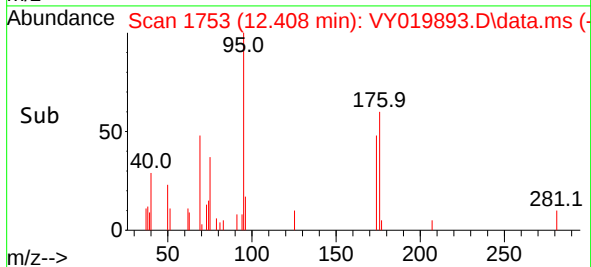
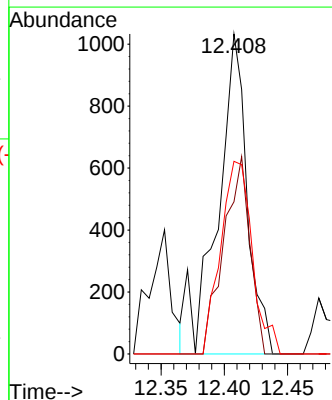
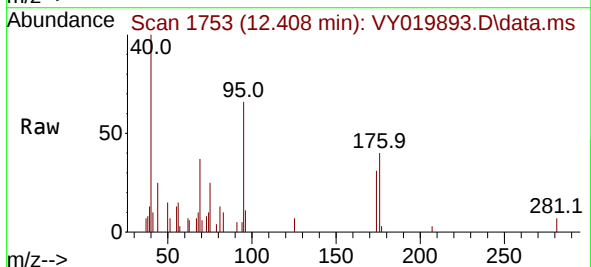
Tgt Ion: 95 Resp: 1687

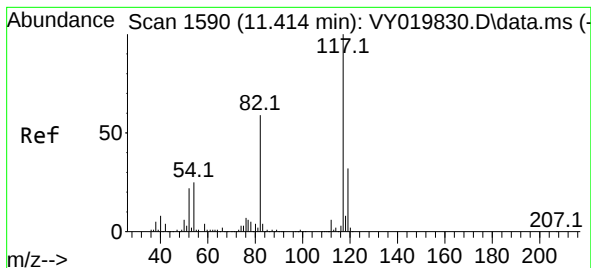
Ion Ratio Lower Upper

95 100

174 54.6 0.0 175.6

176 64.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019893.D

Acq: 14 Oct 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

F05308-SOLID

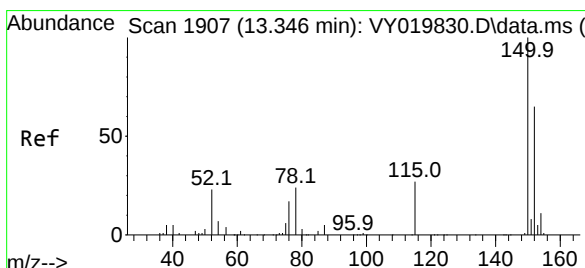
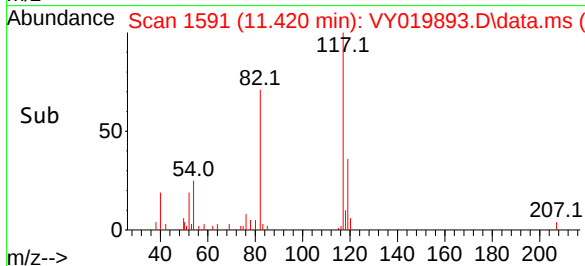
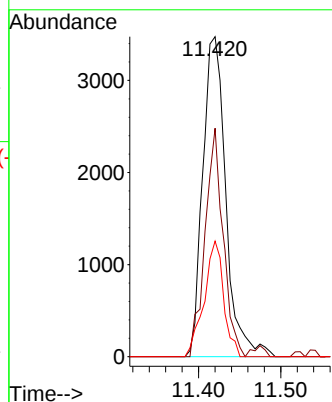
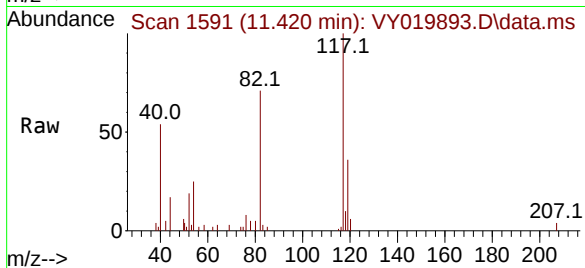
Tgt Ion:117 Resp: 6780

Ion Ratio Lower Upper

117 100

82 71.4 42.4 63.6#

119 36.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019893.D

Acq: 14 Oct 2024 16:27

Tgt Ion:152 Resp: 898

Ion Ratio Lower Upper

152 100

115 107.0 28.2 84.7#

150 149.3 0.0 345.6

