

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019851.D
 Acq On : 10 Oct 2024 14:07
 Operator : SY/MD
 Sample : P4364-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-2.5-3.0

Quant Time: Oct 11 01:42:18 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	7.701	168	1028	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	2014	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	728	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1062	83.901	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.800%#
35) Dibromofluoromethane	7.622	113	593	44.619	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.240%
50) Toluene-d8	10.109	98	1760	35.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.720%
62) 4-Bromofluorobenzene	12.408	95	249	14.041	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	28.080%#

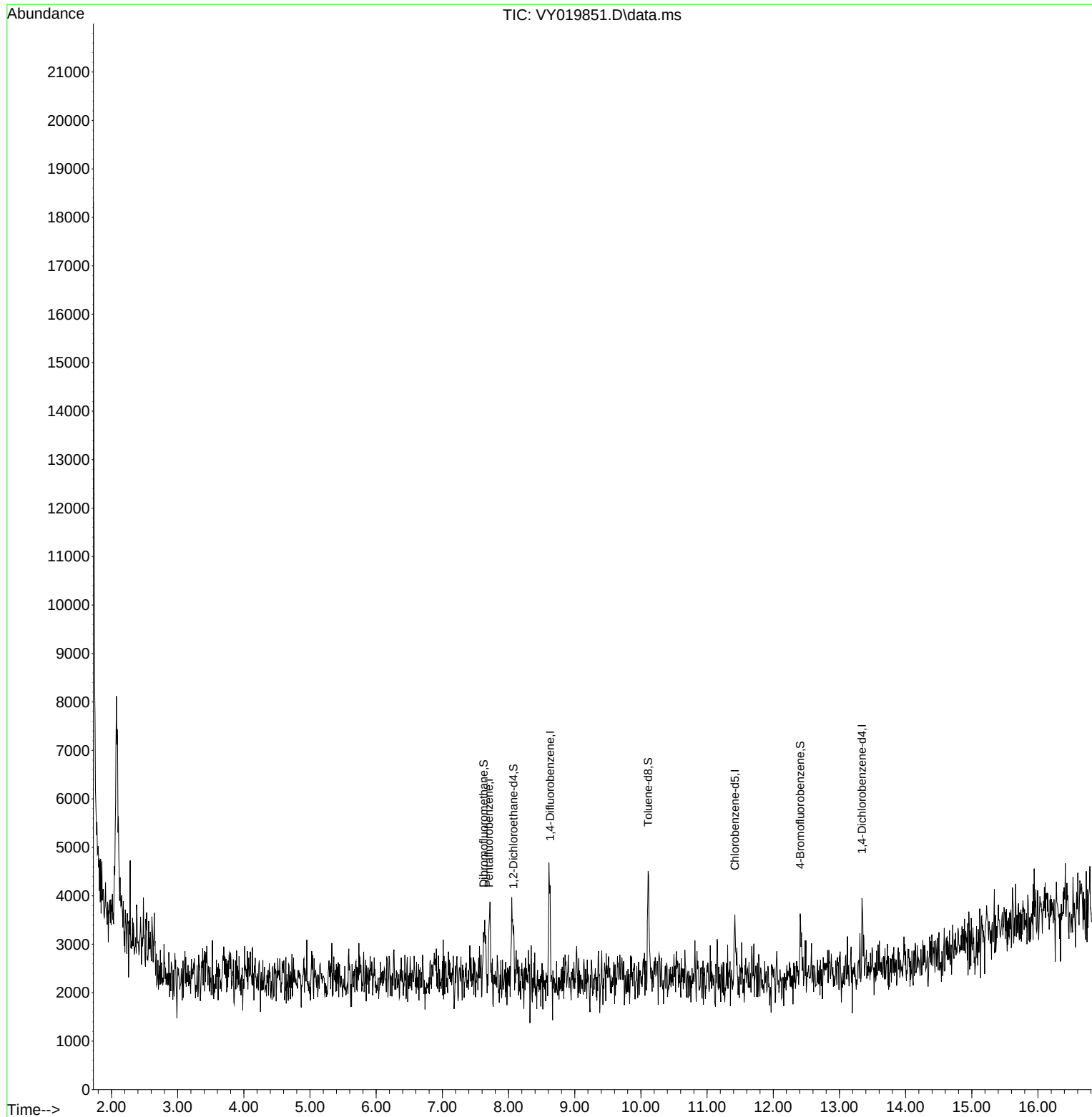
Target Compounds	Qvalue

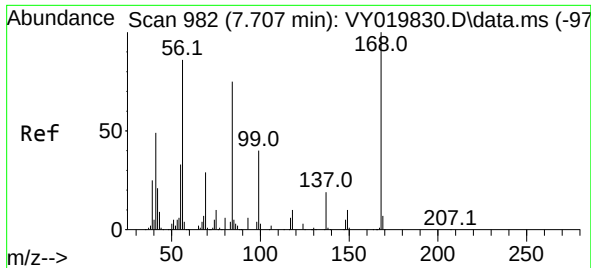
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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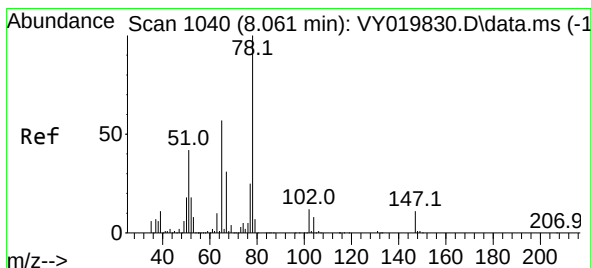
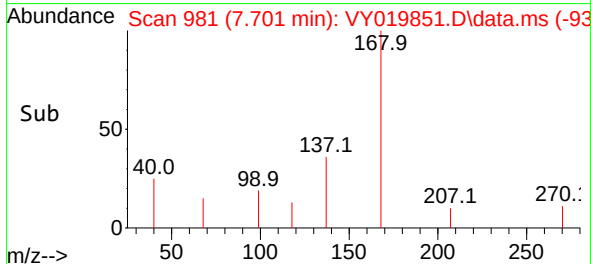
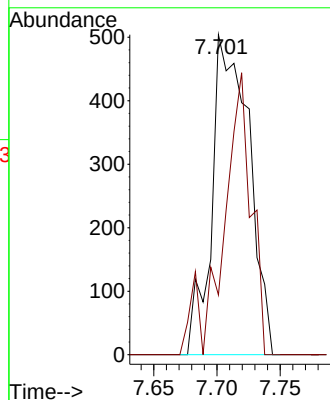
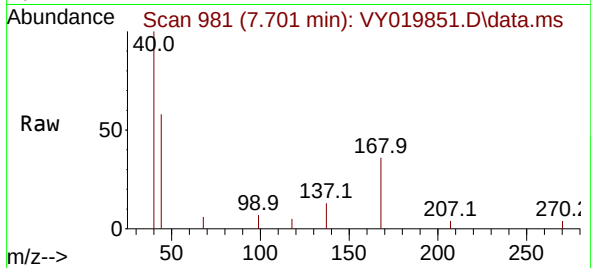




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019851.D
Acq: 10 Oct 2024 14:07

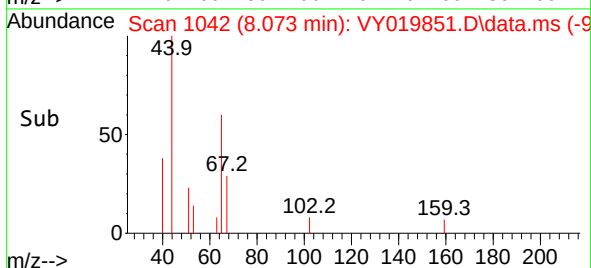
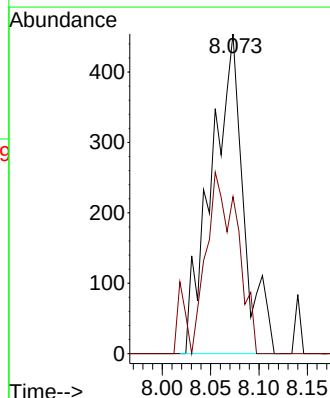
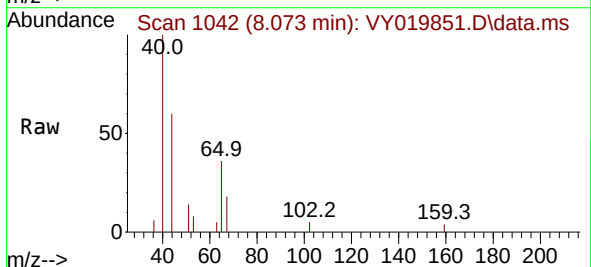
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-2.5-3.0

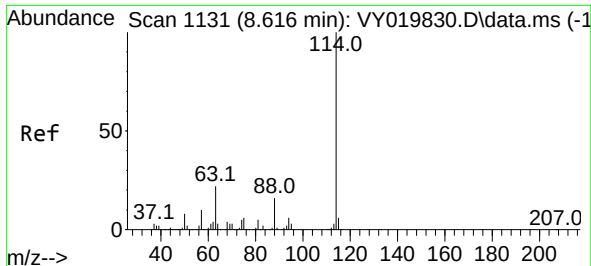
Tgt Ion:168 Resp: 1028
Ion Ratio Lower Upper
168 100
99 18.7 52.6 78.8#



#33
1,2-Dichloroethane-d4
Concen: 83.901 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY019851.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 65 Resp: 1062
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY019851.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-2.5-3.0

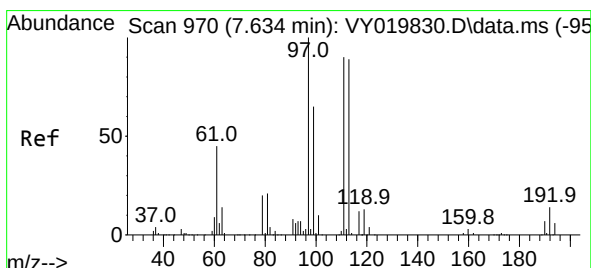
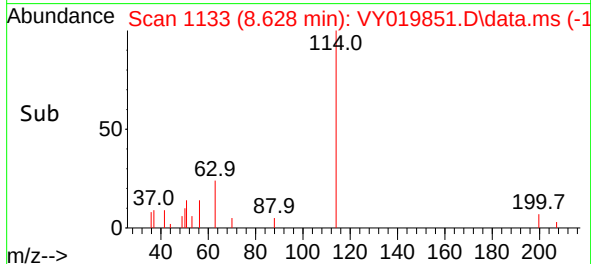
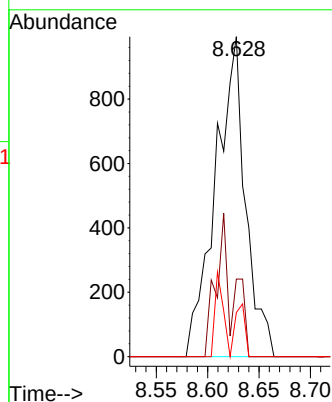
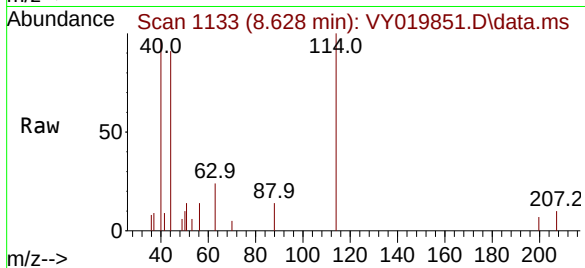
Tgt Ion:114 Resp: 2014

Ion Ratio Lower Upper

114 100

63 24.2 0.0 43.8

88 13.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 44.619 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY019851.D

Acq: 10 Oct 2024 14:07

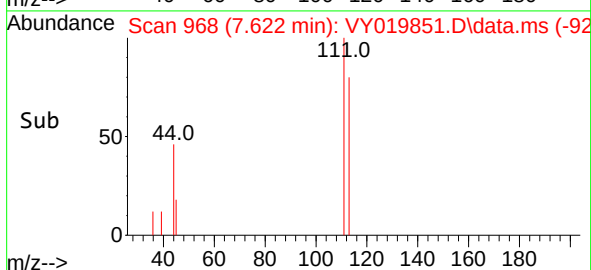
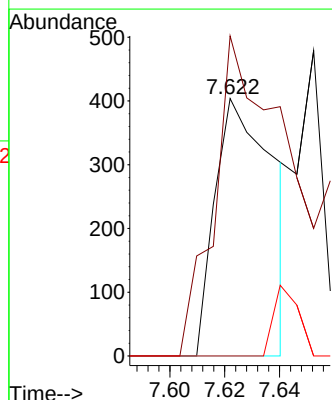
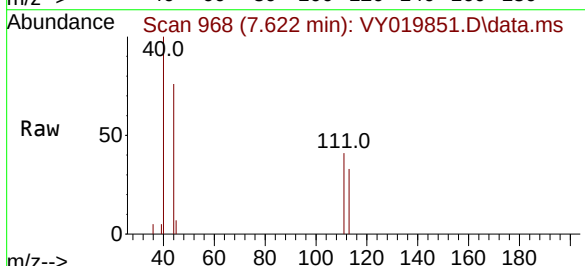
Tgt Ion:113 Resp: 593

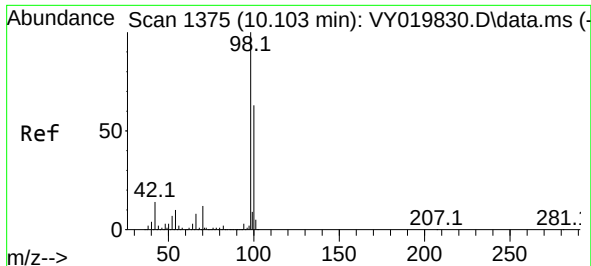
Ion Ratio Lower Upper

113 100

111 170.8 82.9 124.3#

192 11.8 13.6 20.4#

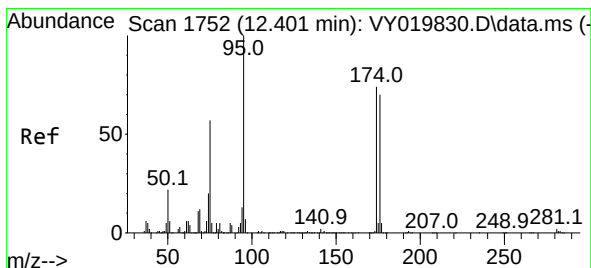
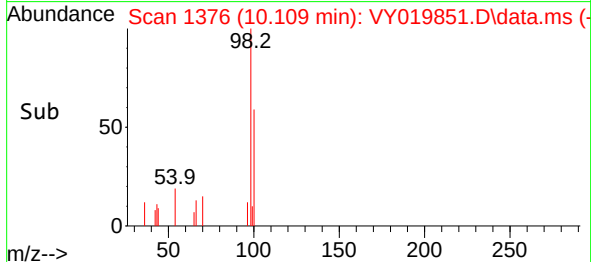
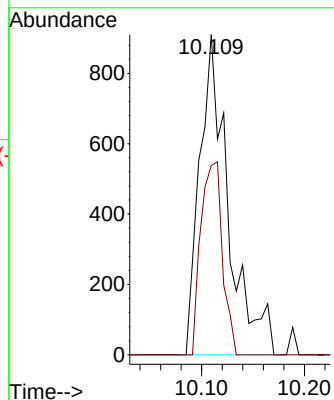
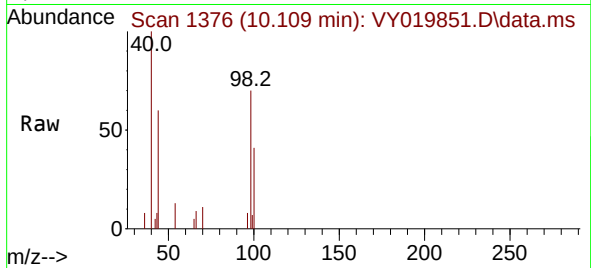




#50
Toluene-d8
Concen: 35.861 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019851.D
Acq: 10 Oct 2024 14:07

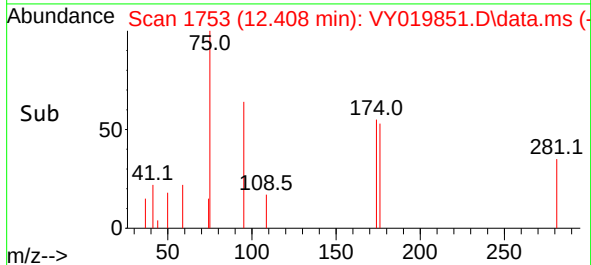
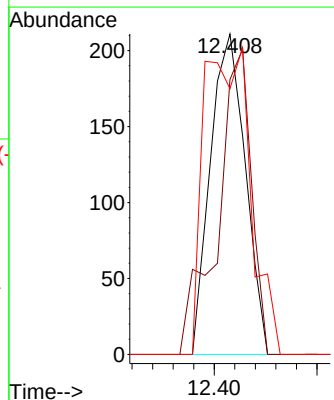
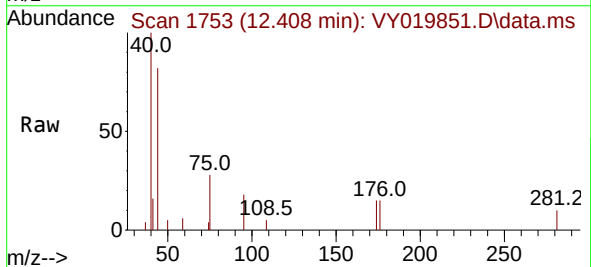
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-2.5-3.0

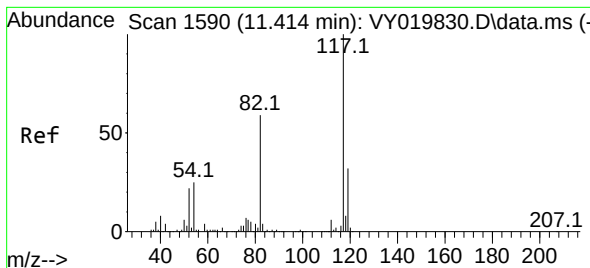
Tgt Ion: 98 Resp: 1760
Ion Ratio Lower Upper
98 100
100 45.5 51.1 76.7#



#62
4-Bromofluorobenzene
Concen: 14.041 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019851.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 95 Resp: 249
Ion Ratio Lower Upper
95 100
174 92.4 0.0 148.0
176 127.3 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019851.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-2.5-3.0

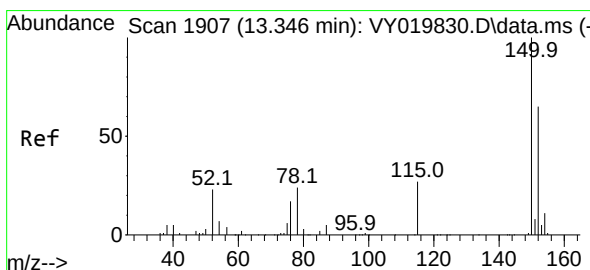
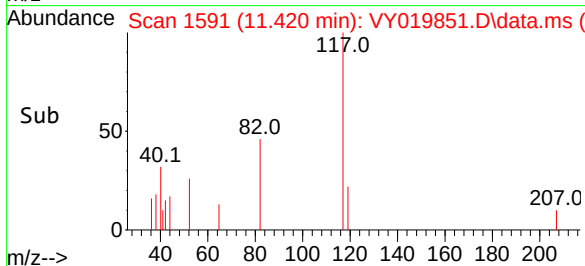
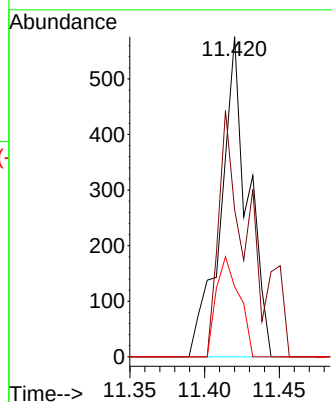
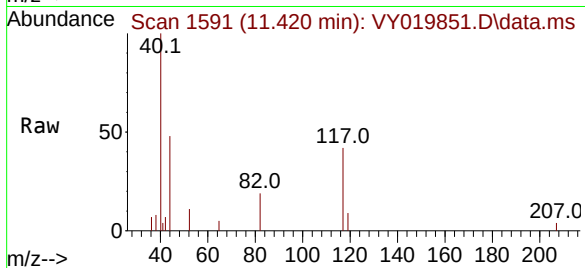
Tgt Ion:117 Resp: 728

Ion Ratio Lower Upper

117 100

82 46.0 46.9 70.3#

119 21.9 25.4 38.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019851.D

Acq: 10 Oct 2024 14:07

Tgt Ion:152 Resp: 379

Ion Ratio Lower Upper

152 100

115 45.4 30.8 92.3

150 156.5 0.0 352.8

