

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019853.D
 Acq On : 10 Oct 2024 14:54
 Operator : SY/MD
 Sample : P4364-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-2.0-2.5

Quant Time: Oct 11 01:43:24 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	43403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	74515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	53089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	13172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	23103	43.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.460%
35) Dibromofluoromethane	7.640	113	22748	46.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.109	98	84117	46.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.407	95	18596	28.342	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.680%

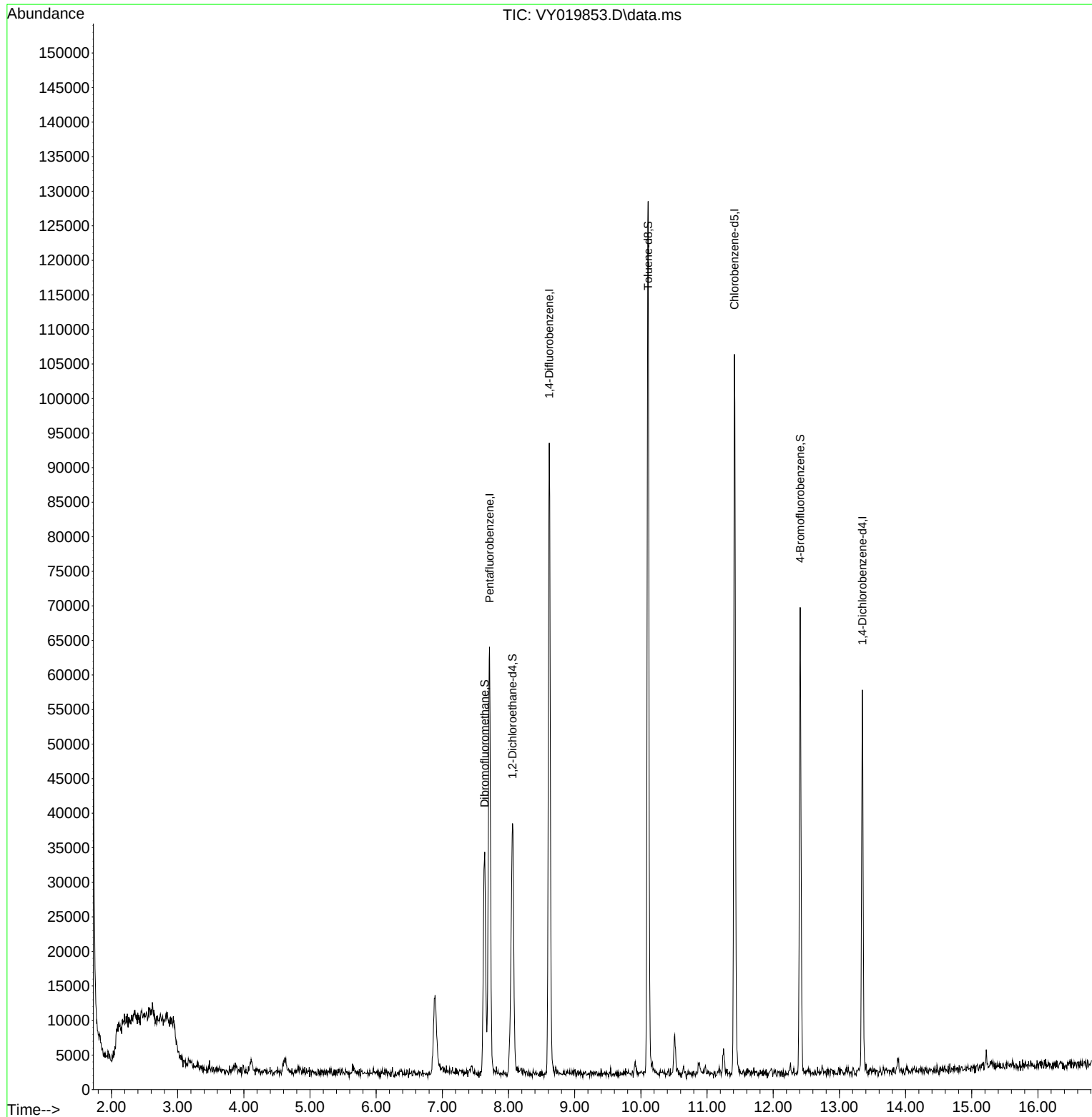
Target Compounds	Qvalue

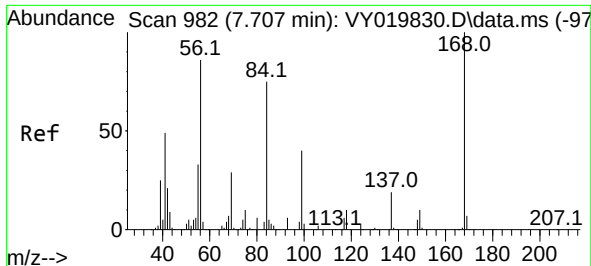
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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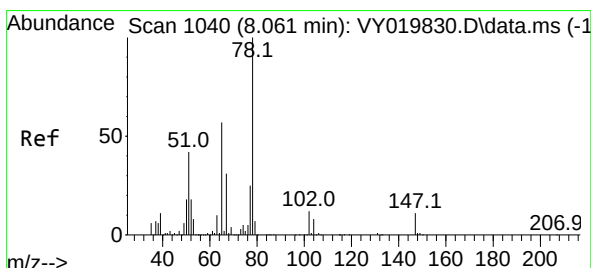
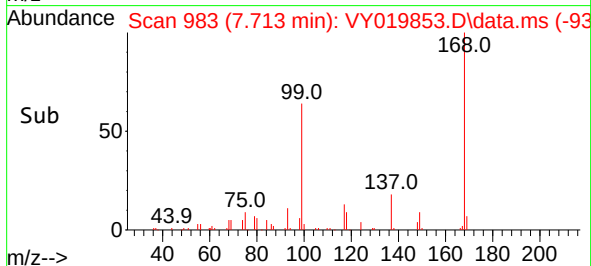
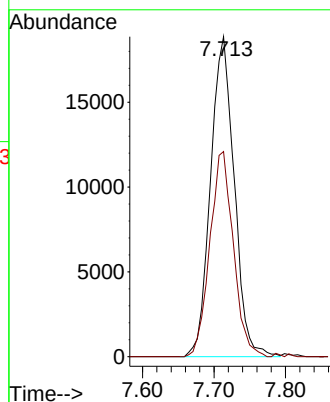
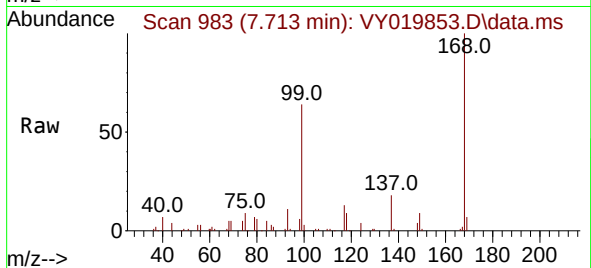




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

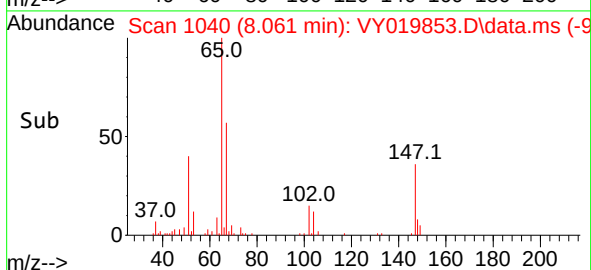
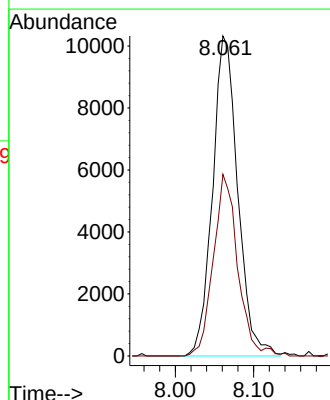
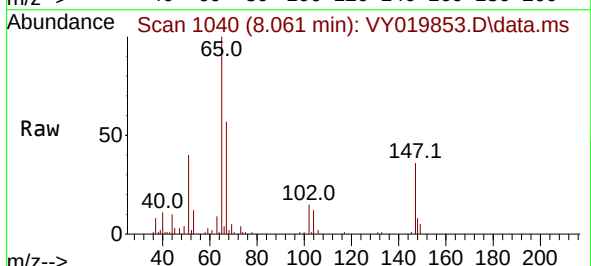
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-2.0-2.5

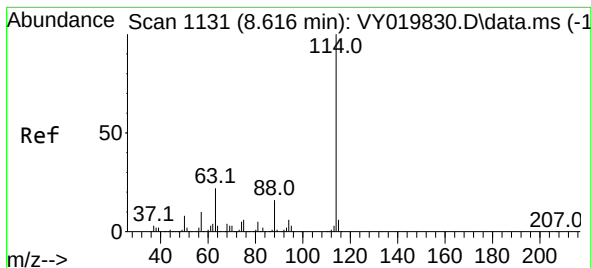
Tgt Ion:168 Resp: 43403
Ion Ratio Lower Upper
168 100
99 64.1 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 43.230 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

Tgt Ion: 65 Resp: 23103
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-2.0-2.5

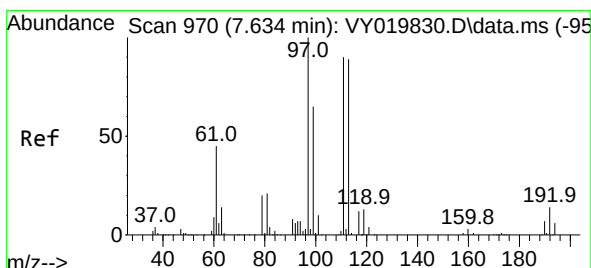
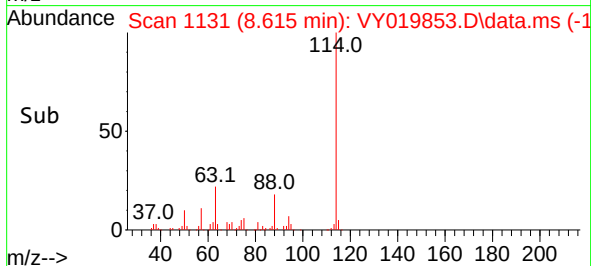
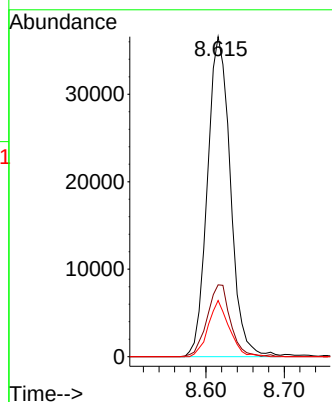
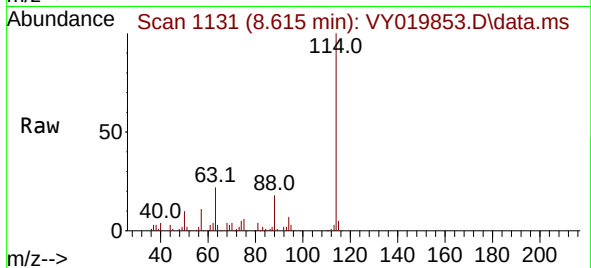
Tgt Ion:114 Resp: 74515

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 17.5 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.262 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

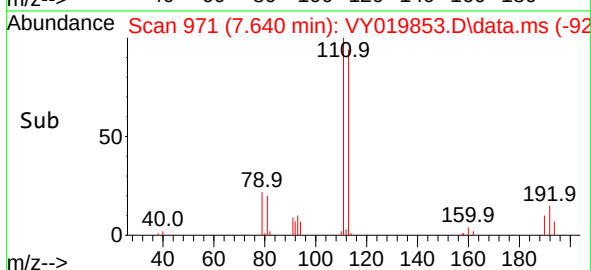
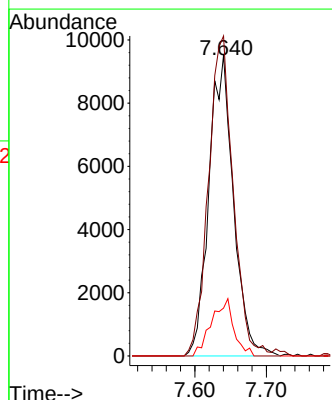
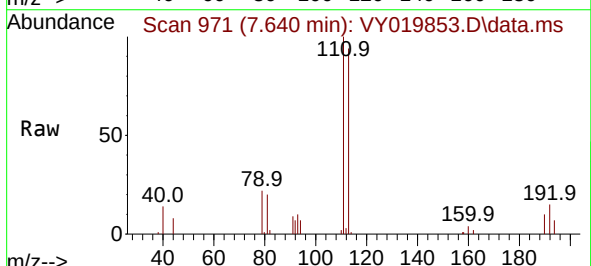
Tgt Ion:113 Resp: 22748

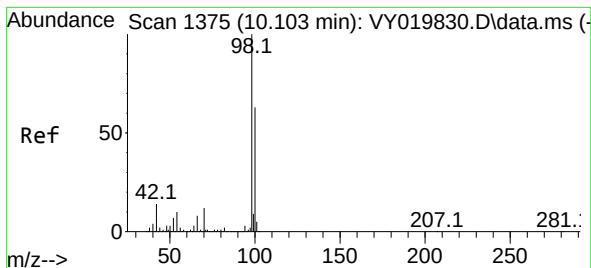
Ion Ratio Lower Upper

113 100

111 106.7 82.9 124.3

192 17.3 13.6 20.4

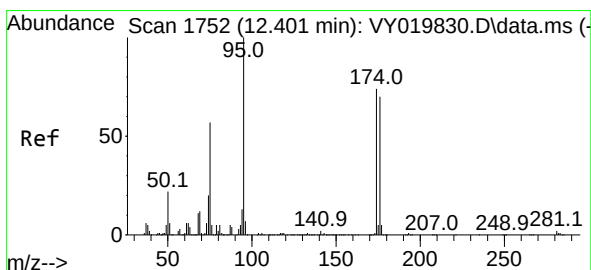
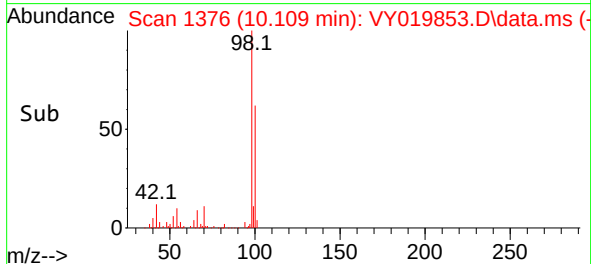
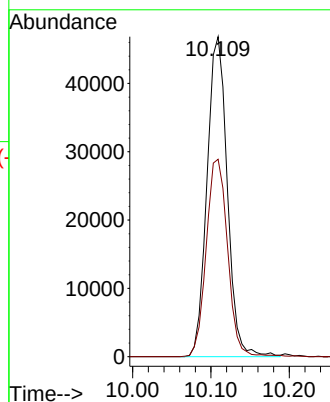
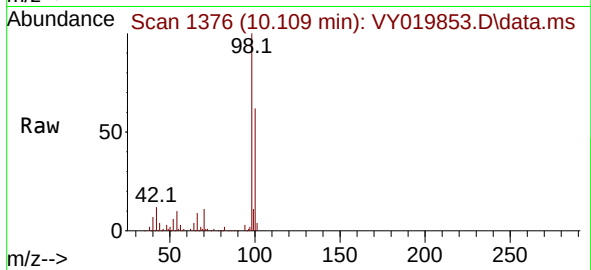




#50
Toluene-d8
Concen: 46.324 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

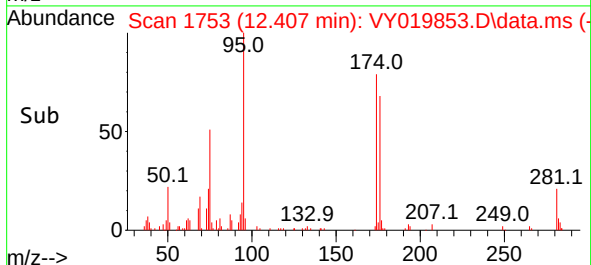
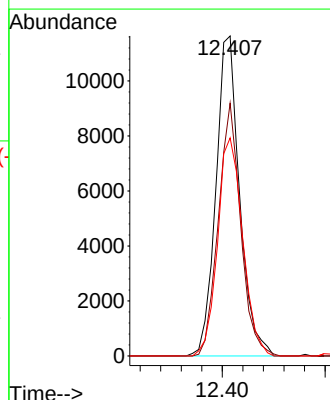
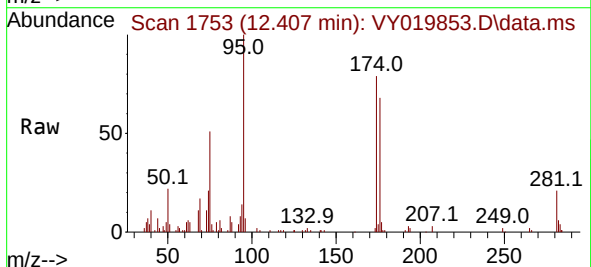
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-2.0-2.5

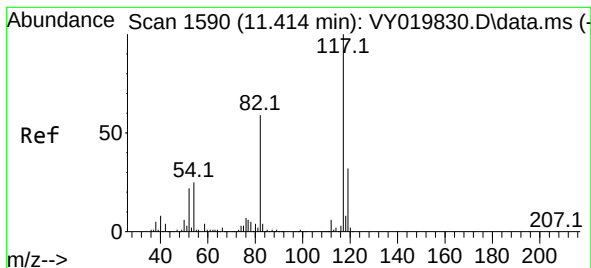
Tgt Ion: 98 Resp: 84117
Ion Ratio Lower Upper
98 100
100 65.1 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 28.342 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

Tgt Ion: 95 Resp: 18596
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 72.1 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-2.0-2.5

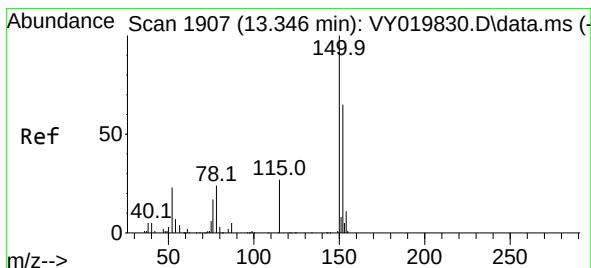
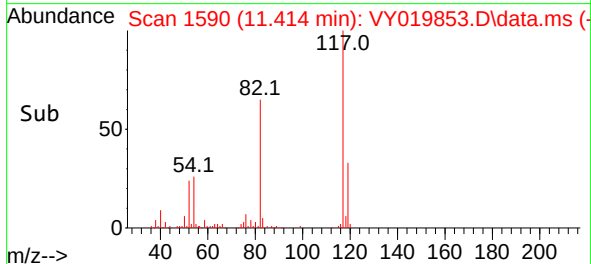
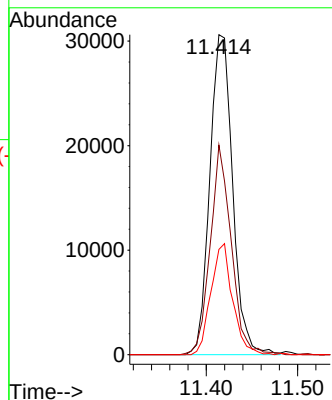
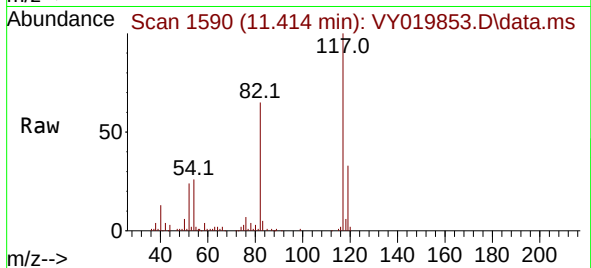
Tgt Ion:117 Resp: 53089

Ion Ratio Lower Upper

117 100

82 65.5 46.9 70.3

119 32.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Tgt Ion:152 Resp: 13172

Ion Ratio Lower Upper

152 100

115 64.5 30.8 92.3

150 145.7 0.0 352.8

