

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019802.D
 Acq On : 04 Oct 2024 16:04
 Operator : SY/MD
 Sample : P4288-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-100324

Quant Time: Oct 04 23:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	12795	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	19400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	12876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	2041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5929	50.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.080%
35) Dibromofluoromethane	7.634	113	5980	54.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.109	98	20233	49.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.402	95	3949	25.244	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	50.480%

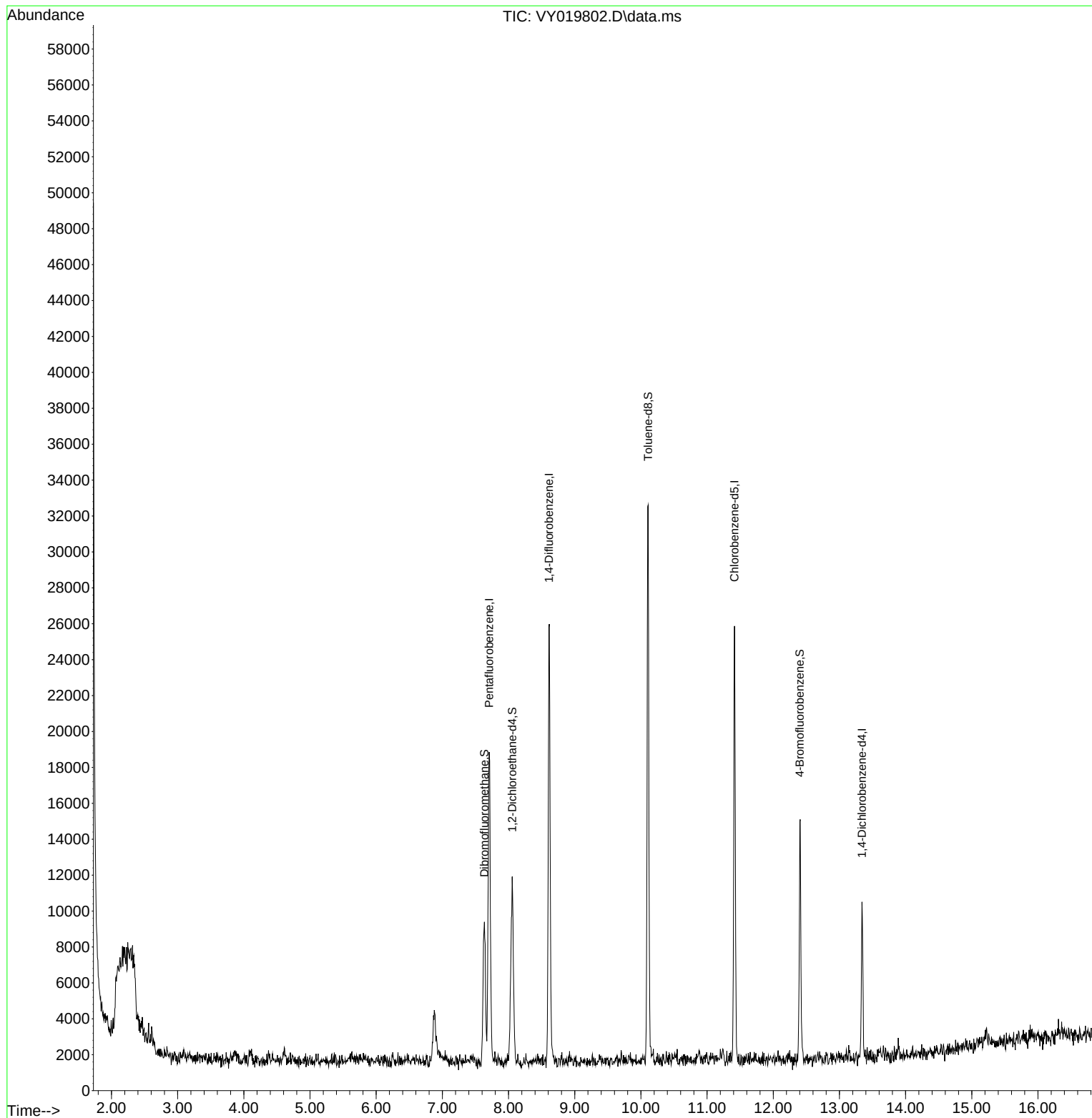
Target Compounds	Qvalue

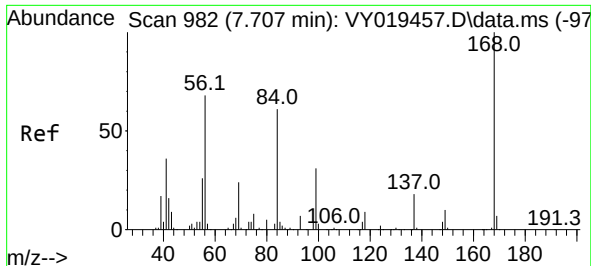
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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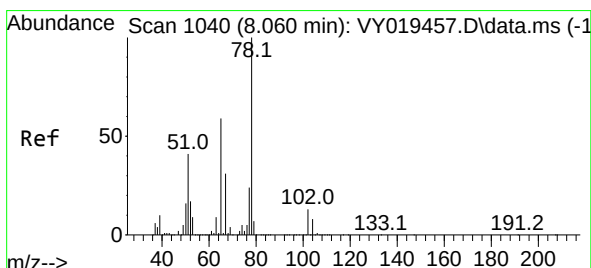
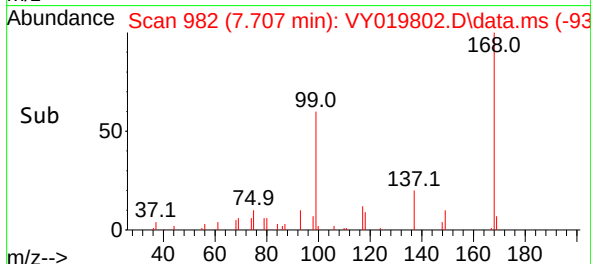
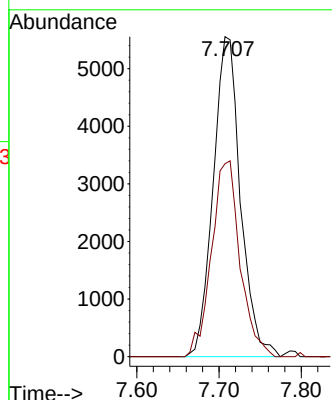
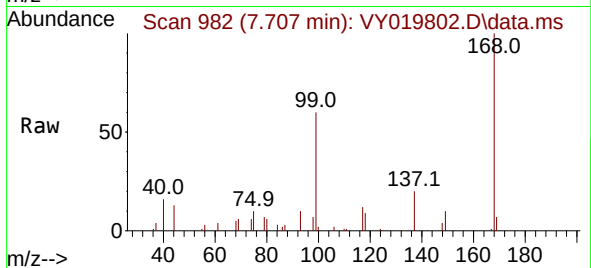




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019802.D
Acq: 04 Oct 2024 16:04

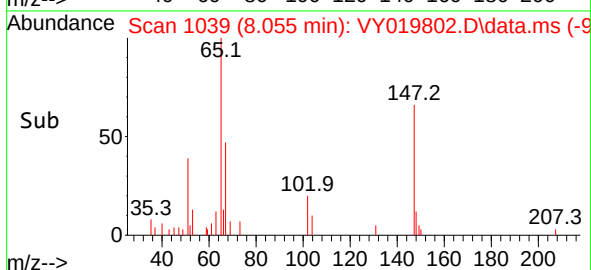
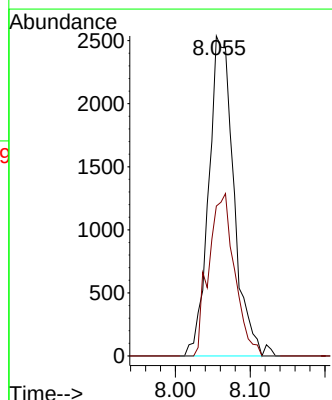
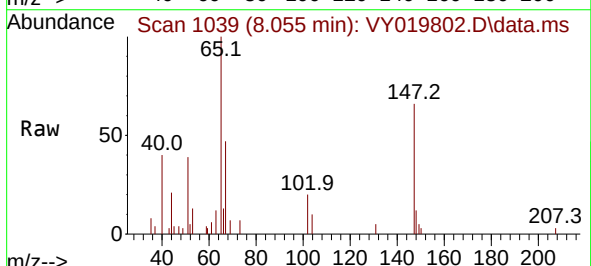
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-100324

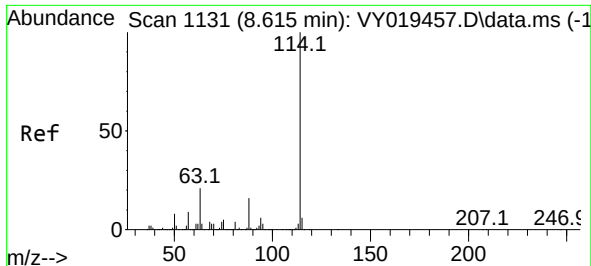
Tgt Ion:168 Resp: 12795
Ion Ratio Lower Upper
168 100
99 60.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 50.043 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019802.D
Acq: 04 Oct 2024 16:04

Tgt Ion: 65 Resp: 5929
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

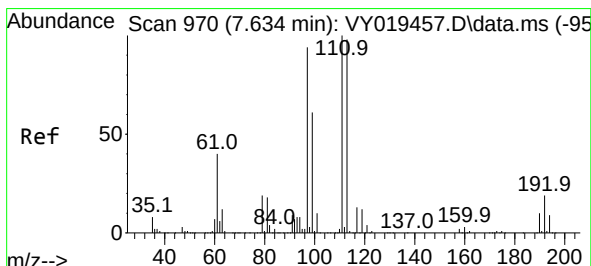
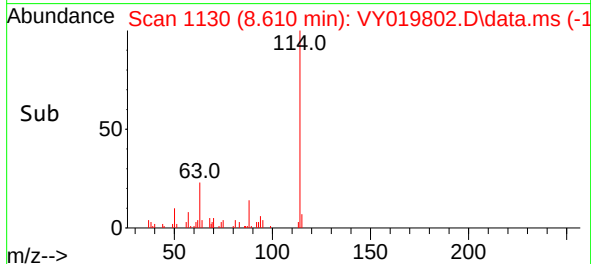
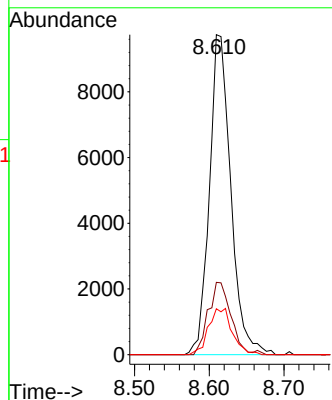
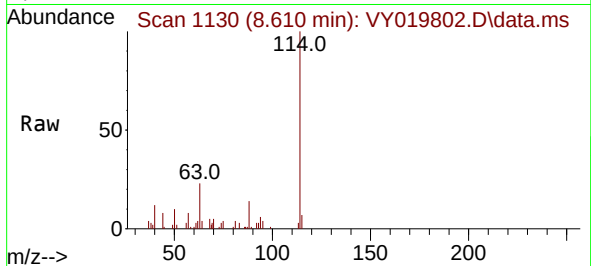




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019802.D
Acq: 04 Oct 2024 16:04

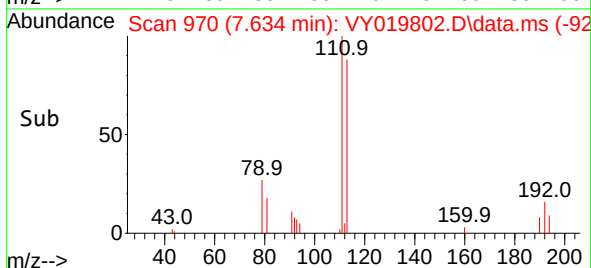
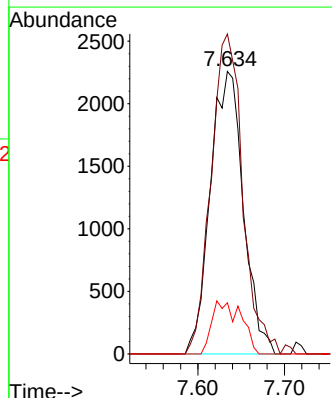
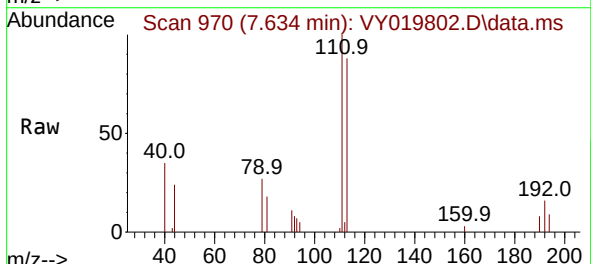
Instrument :
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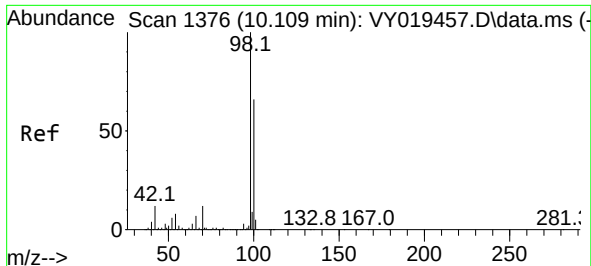
Tgt Ion:	114	Resp:	19400
Ion Ratio	Lower	Upper	
114	100		
63	22.6	0.0	35.0
88	14.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.366 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019802.D
Acq: 04 Oct 2024 16:04

Tgt Ion:	113	Resp:	5980
Ion Ratio	Lower	Upper	
113	100		
111	108.9	82.2	123.4
192	16.6	15.9	23.9

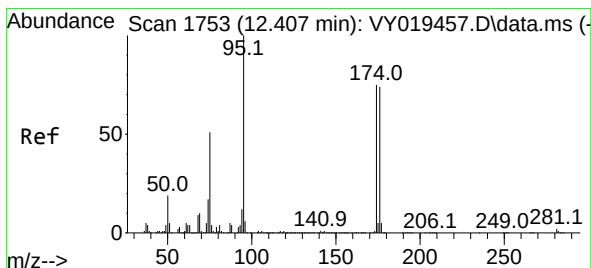
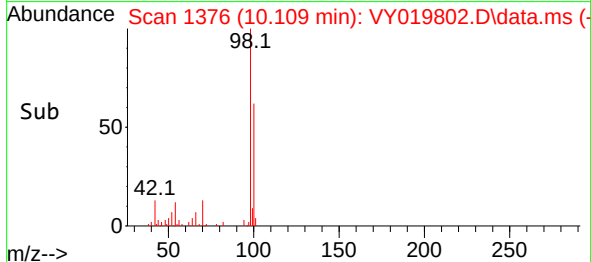
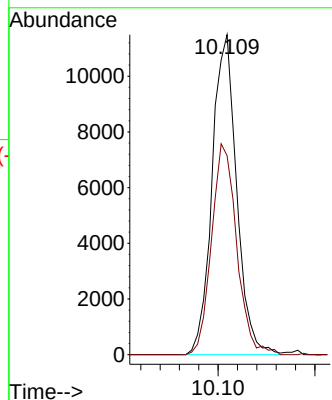
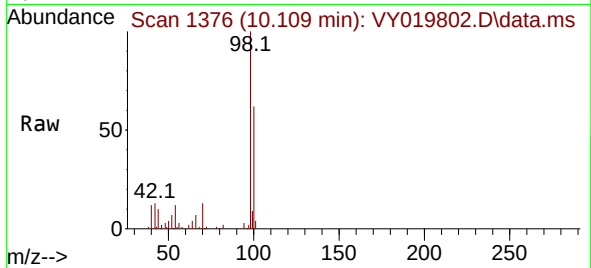




#50
Toluene-d8
Concen: 49.732 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019802.D
Acq: 04 Oct 2024 16:04

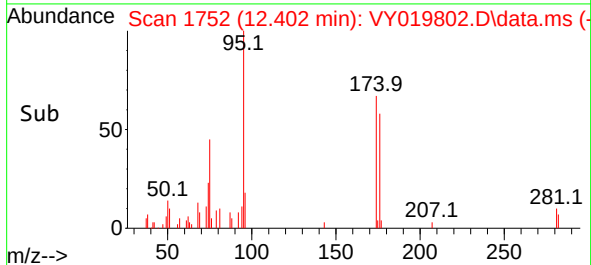
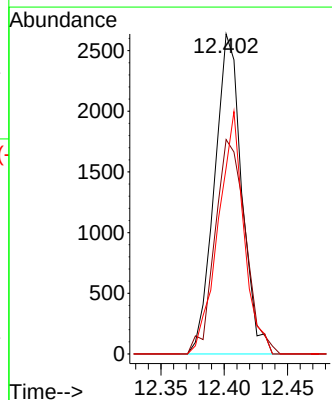
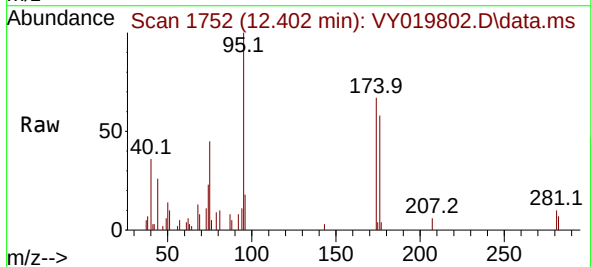
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HR-03-100324

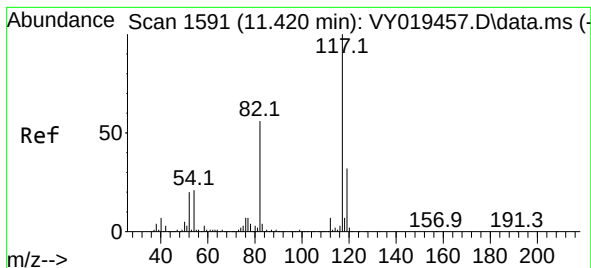
Tgt Ion: 98 Resp: 20233
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.244 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019802.D
Acq: 04 Oct 2024 16:04

Tgt Ion: 95 Resp: 3949
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 71.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019802.D

Acq: 04 Oct 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-100324

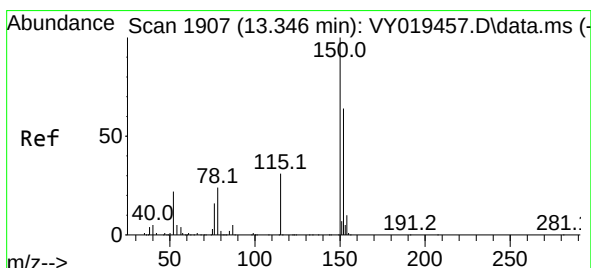
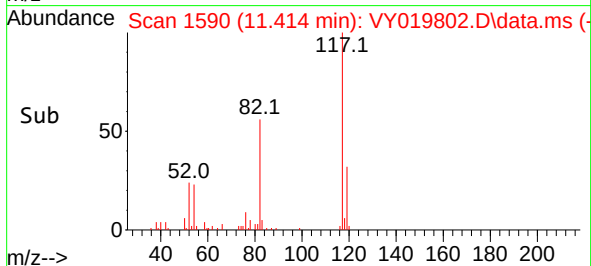
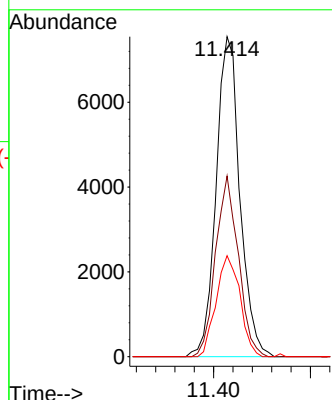
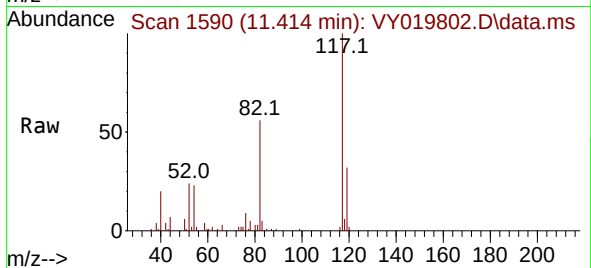
Tgt Ion:117 Resp: 12876

Ion Ratio Lower Upper

117 100

82 56.4 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019802.D

Acq: 04 Oct 2024 16:04

Tgt Ion:152 Resp: 2041

Ion Ratio Lower Upper

152 100

115 72.2 28.2 84.7

150 158.4 0.0 345.6

