

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019468.D
 Acq On : 09 Sep 2024 16:20
 Operator : SY/MD
 Sample : P3857-03RE
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-C1-GRABRE

Quant Time: Sep 10 01:49:14 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	266029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	455477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	132582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124495	50.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.080%
35) Dibromofluoromethane	7.634	113	132619	51.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.103	98	519893	54.428	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.408	95	156320	42.561	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.120%

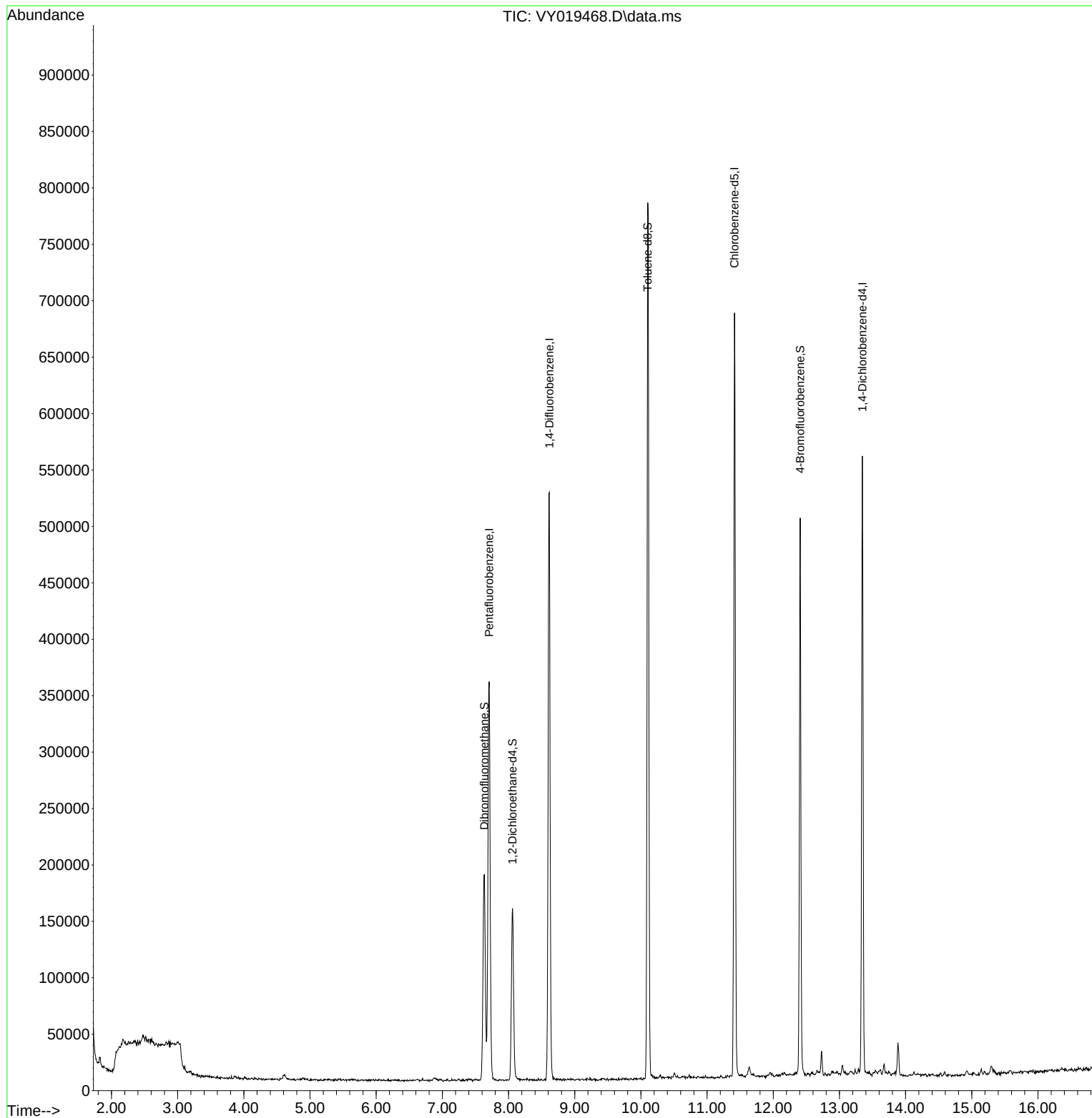
Target Compounds	Qvalue

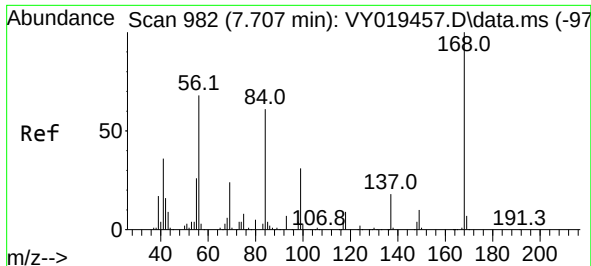
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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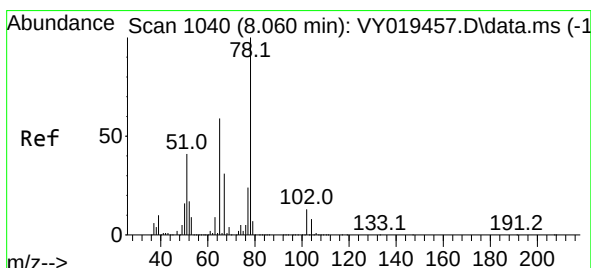
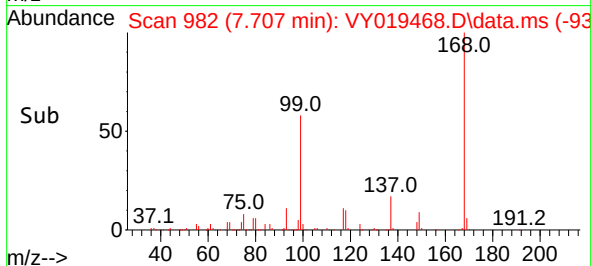
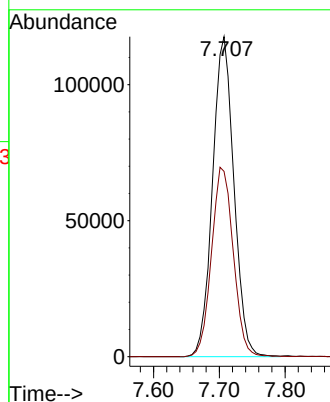
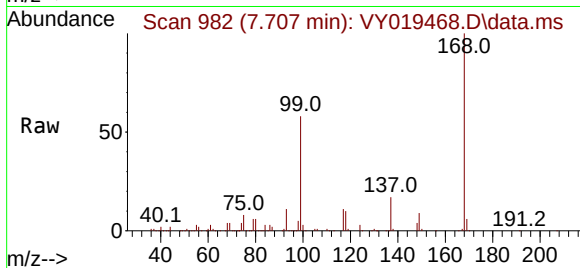




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

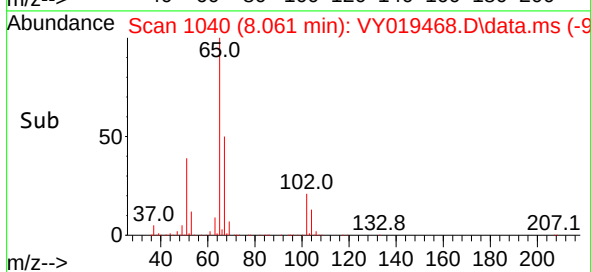
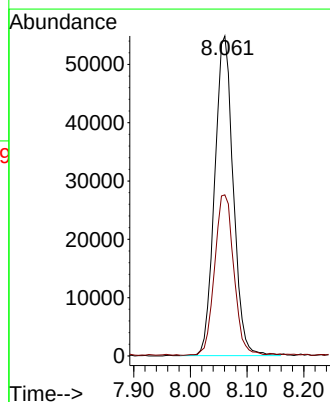
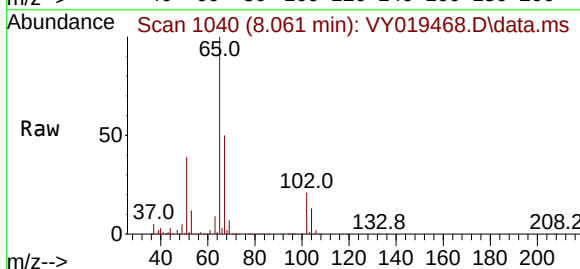
Instrument :
MSVOA_Y
ClientSampleId :
WC-C1-GRABRE

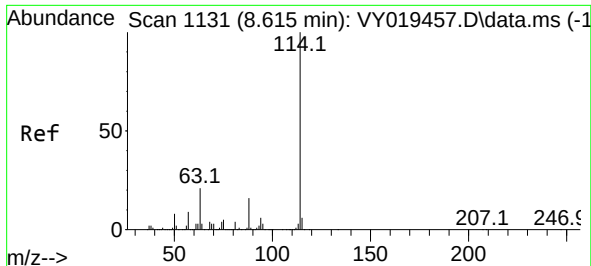
Tgt Ion:168 Resp: 266029
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.539 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Tgt Ion: 65 Resp: 124495
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

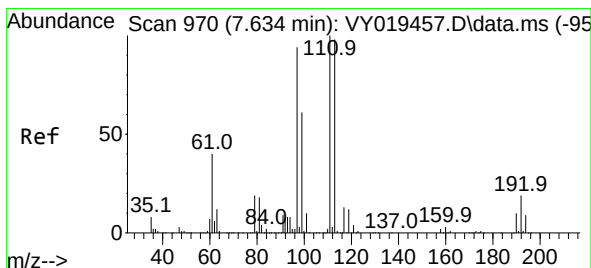
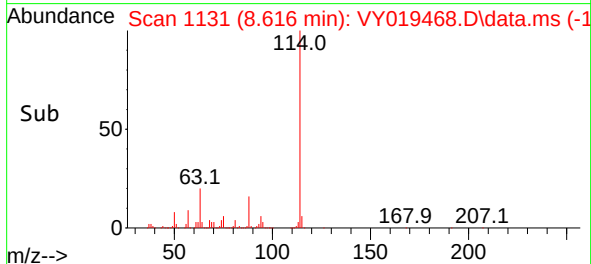
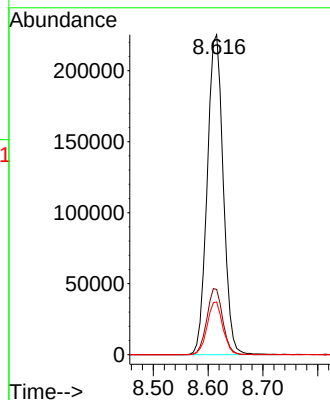
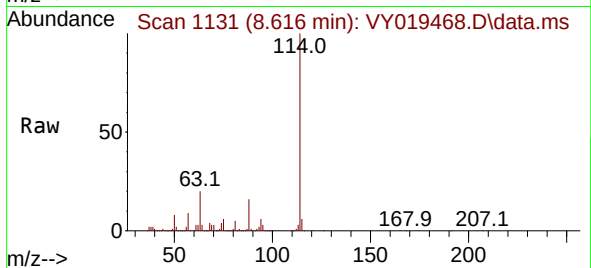




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

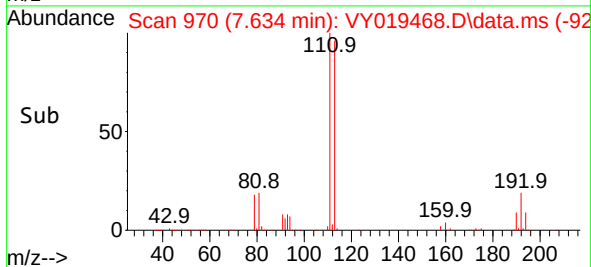
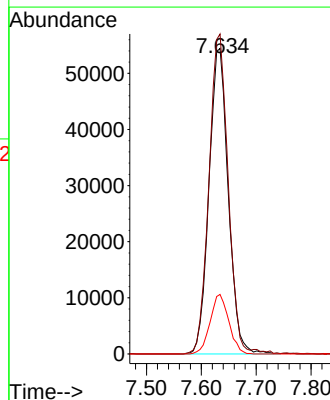
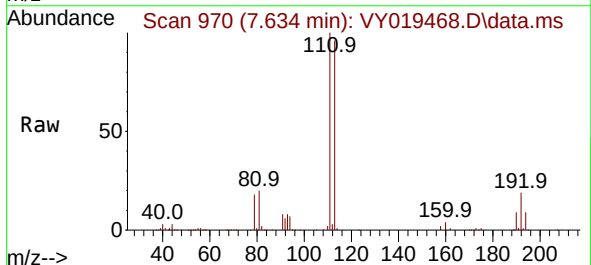
Instrument :
MSVOA_Y
ClientSampleId :
WC-C1-GRABRE

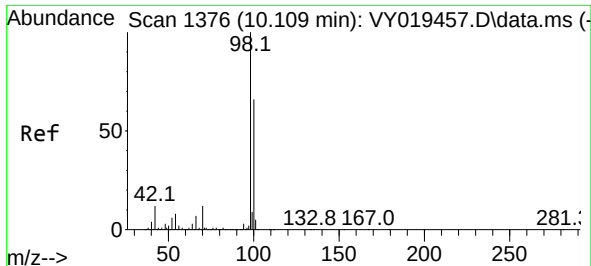
Tgt Ion:114 Resp: 455477
Ion Ratio Lower Upper
114 100
63 20.4 0.0 35.0
88 16.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.354 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Tgt Ion:113 Resp: 132619
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 18.9 15.9 23.9

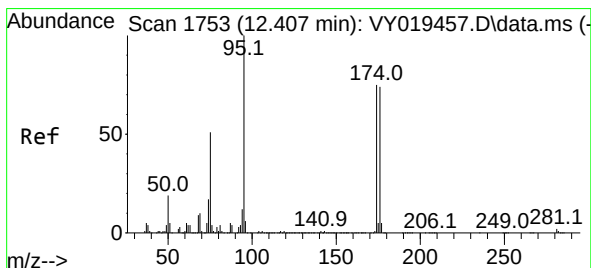
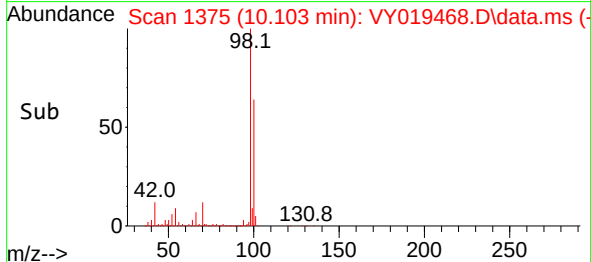
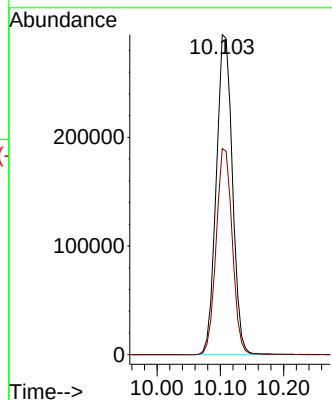
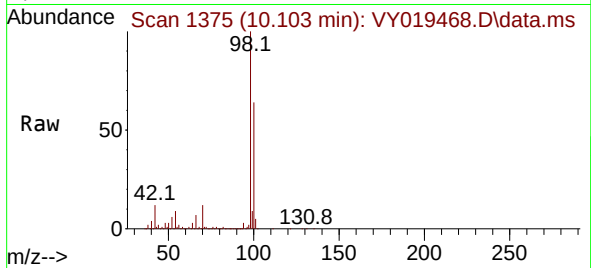




#50
Toluene-d8
Concen: 54.428 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

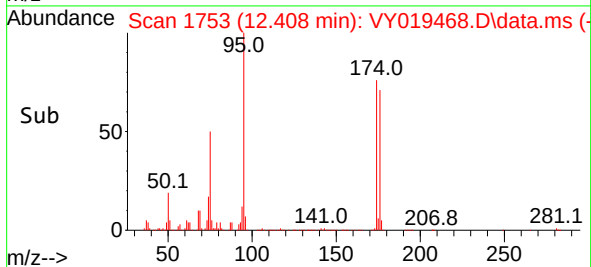
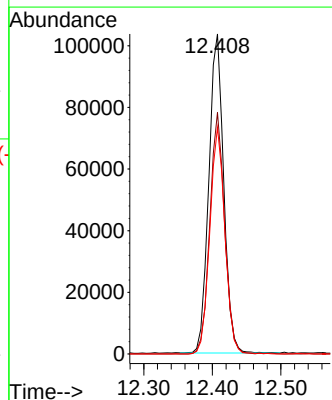
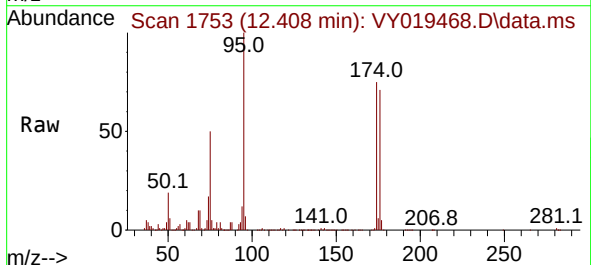
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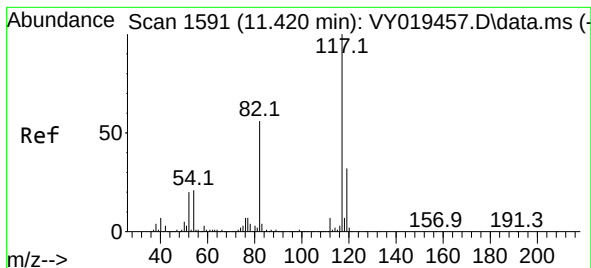
Tgt Ion: 98 Resp: 519893
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.561 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Tgt Ion: 95 Resp: 156320
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 71.8 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: VY019468.D

Acq: 09 Sep 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-C1-GRABRE

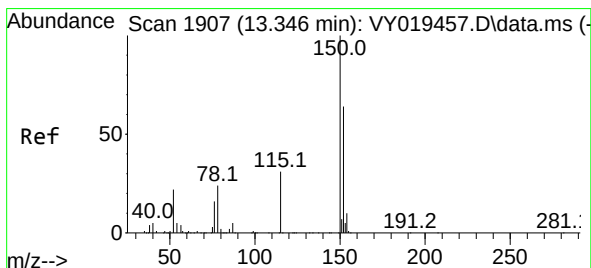
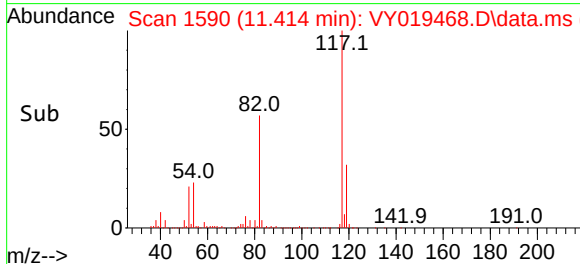
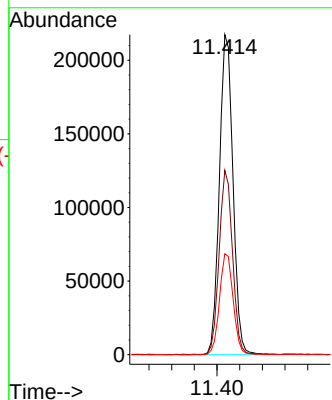
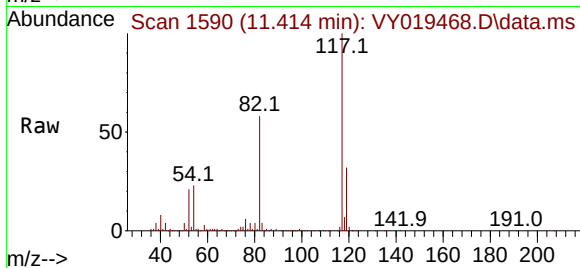
Tgt Ion:117 Resp: 360798

Ion Ratio Lower Upper

117 100

82 57.6 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019468.D

Acq: 09 Sep 2024 16:20

Tgt Ion:152 Resp: 132582

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 158.0 0.0 345.6

