

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022060.D
 Acq On : 29 Apr 2025 16:40
 Operator : SY/MD
 Sample : Q1905-03
 Misc : 4.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-G-VOC

Quant Time: Apr 30 01:35:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	299642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	567665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	505205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	189374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142644	51.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.080%
35) Dibromofluoromethane	7.634	113	189357	50.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.103	98	681706	48.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.408	95	185236	38.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.840%

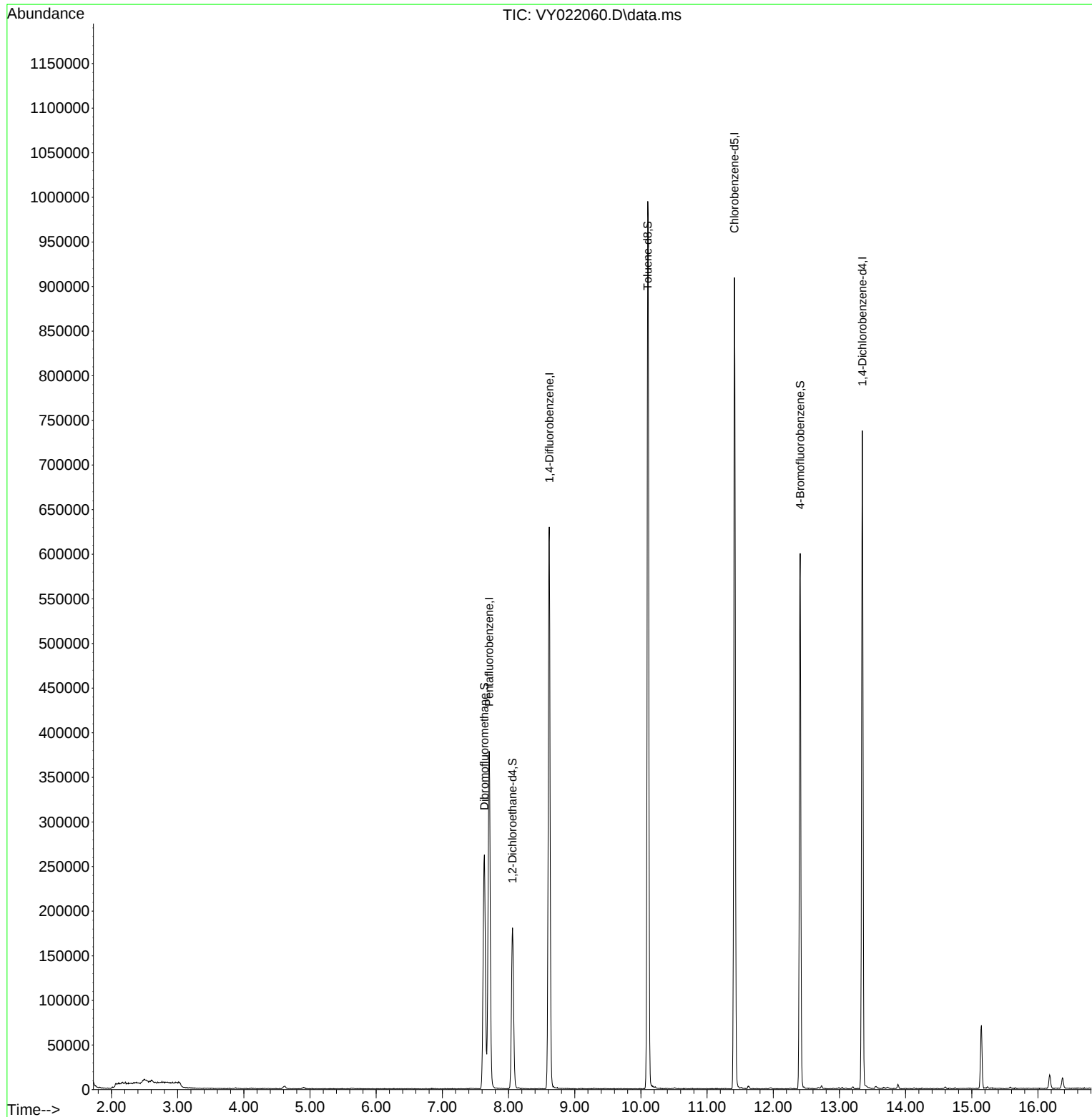
Target Compounds	Qvalue

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

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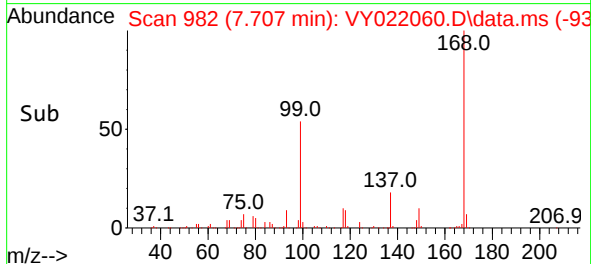
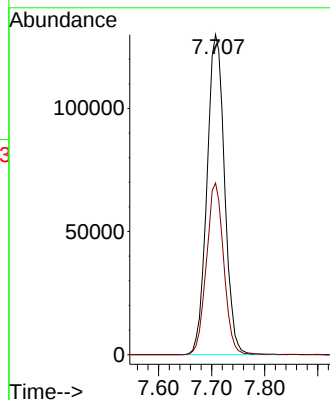
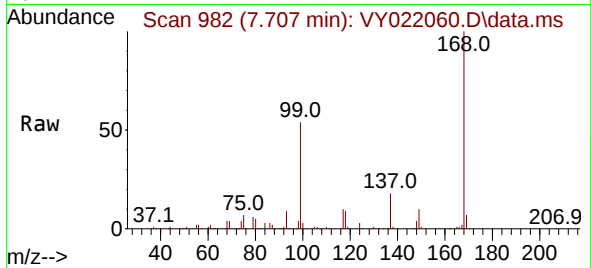




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022060.D
Acq: 29 Apr 2025 16:40

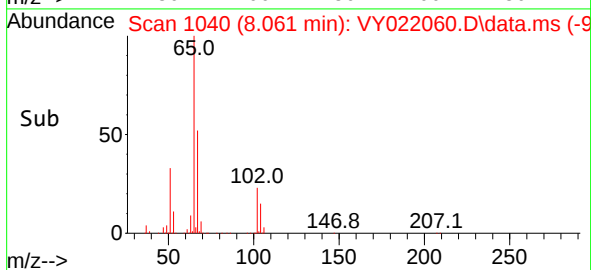
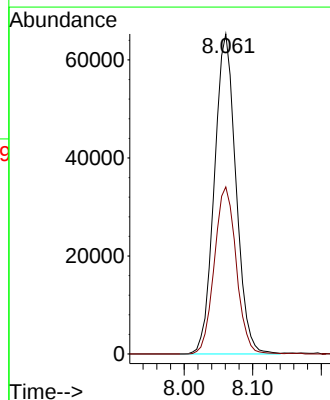
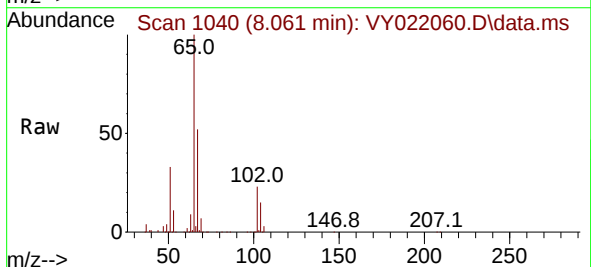
Instrument :
MSVOA_Y
ClientSampleId :
MH-G-VOC

Tgt Ion:168 Resp: 299642
Ion Ratio Lower Upper
168 100
99 53.6 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 51.538 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022060.D
Acq: 29 Apr 2025 16:40

Tgt Ion: 65 Resp: 142644
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022060.D

Acq: 29 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

MH-G-VOC

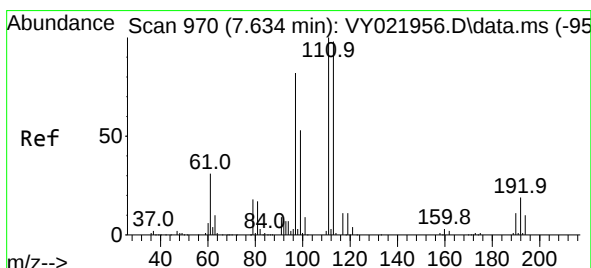
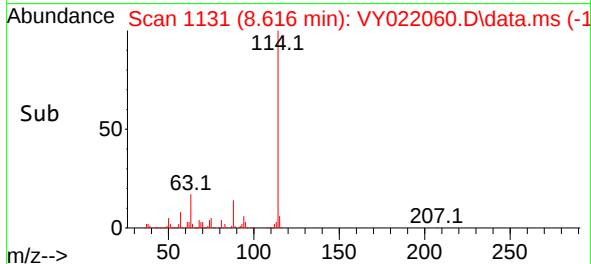
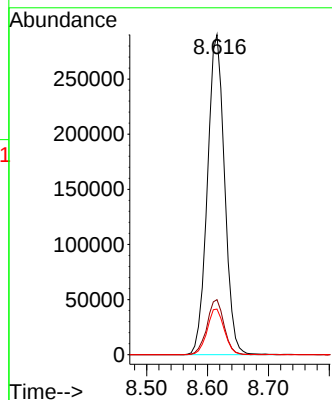
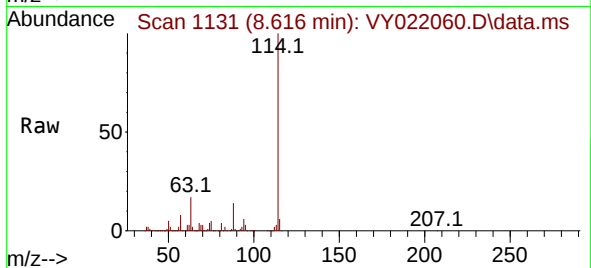
Tgt Ion:114 Resp: 567665

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.491 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022060.D

Acq: 29 Apr 2025 16:40

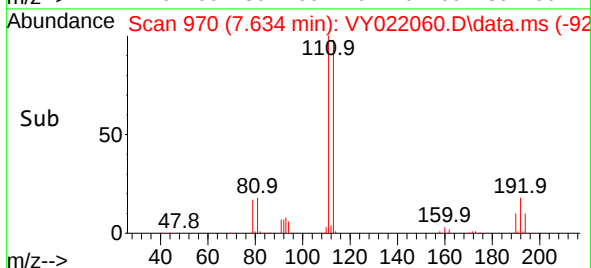
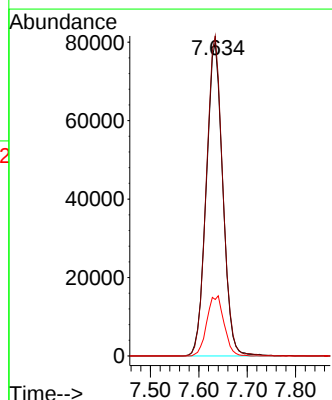
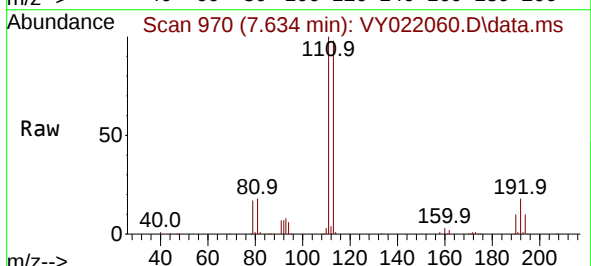
Tgt Ion:113 Resp: 189357

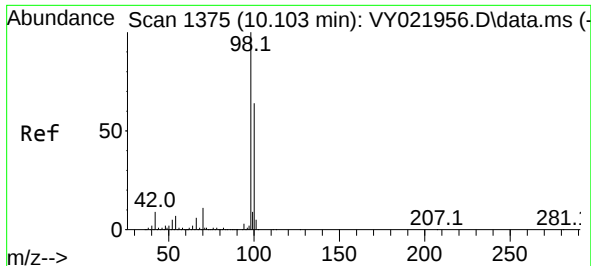
Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 20.0 15.6 23.4

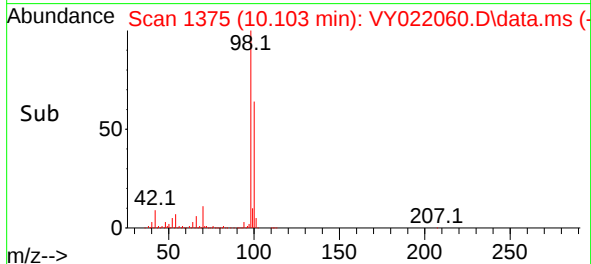
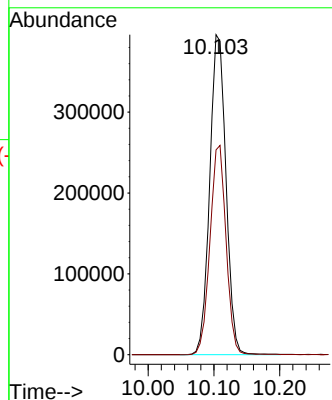
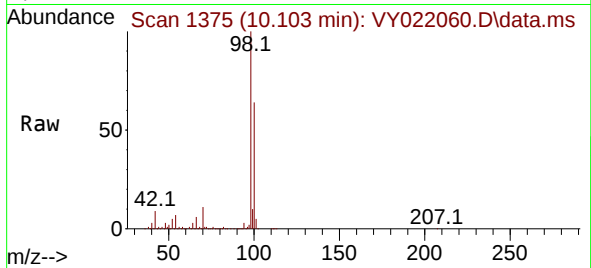




#50
Toluene-d8
Concen: 48.216 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022060.D
Acq: 29 Apr 2025 16:40

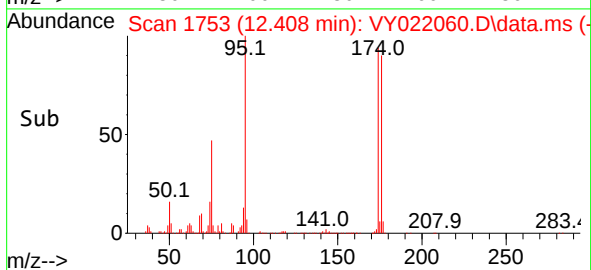
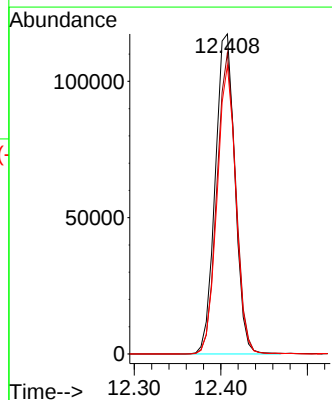
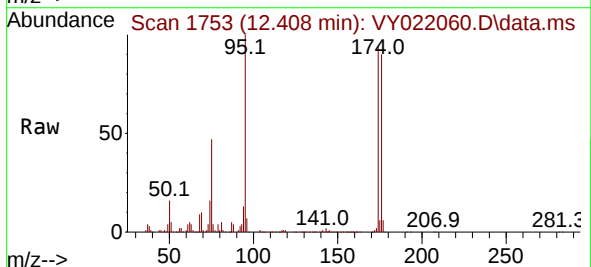
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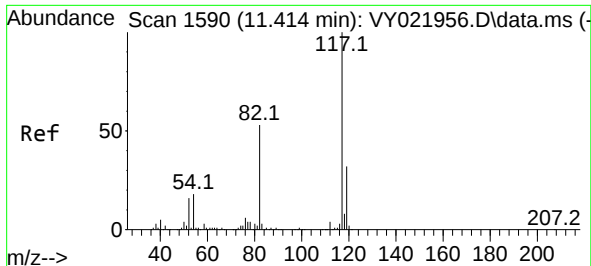
Tgt Ion: 98 Resp: 681706
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.918 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022060.D
Acq: 29 Apr 2025 16:40

Tgt Ion: 95 Resp: 185236
Ion Ratio Lower Upper
95 100
174 90.8 0.0 179.0
176 86.4 0.0 171.8

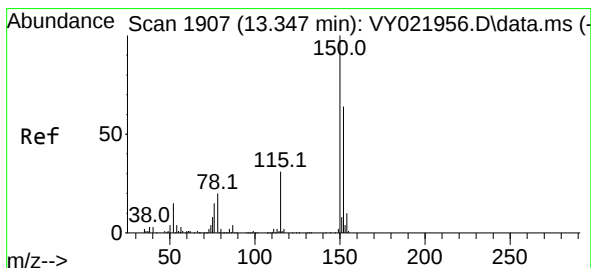
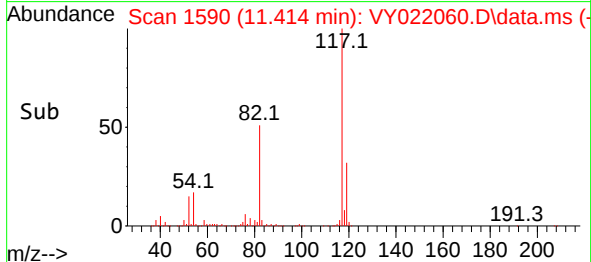
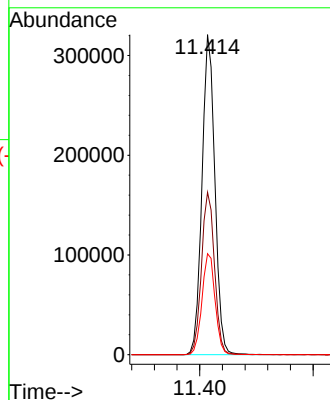
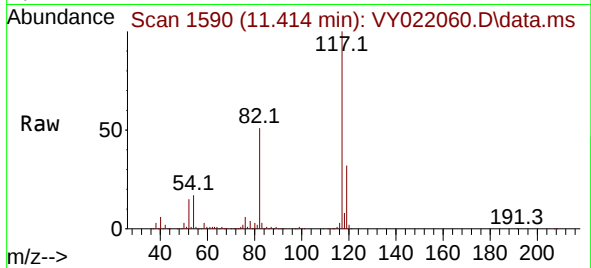




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022060.D
Acq: 29 Apr 2025 16:40

Instrument :
MSVOA_Y
ClientSampleId :
MH-G-VOC

Tgt Ion:117 Resp: 505205
Ion Ratio Lower Upper
117 100
82 50.7 42.1 63.1
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022060.D
Acq: 29 Apr 2025 16:40

Tgt Ion:152 Resp: 189374
Ion Ratio Lower Upper
152 100
115 57.8 28.0 84.0
150 157.4 0.0 345.6

