

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019306.D
 Acq On : 28 Aug 2024 01:45
 Operator : SY/MD
 Sample : P3717-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Aug 28 03:35:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	101813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	177396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	64754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	58167	56.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.980%
35) Dibromofluoromethane	7.622	113	57187	49.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.103	98	186572	44.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.400%
62) 4-Bromofluorobenzene	12.408	95	63469	44.603	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.200%

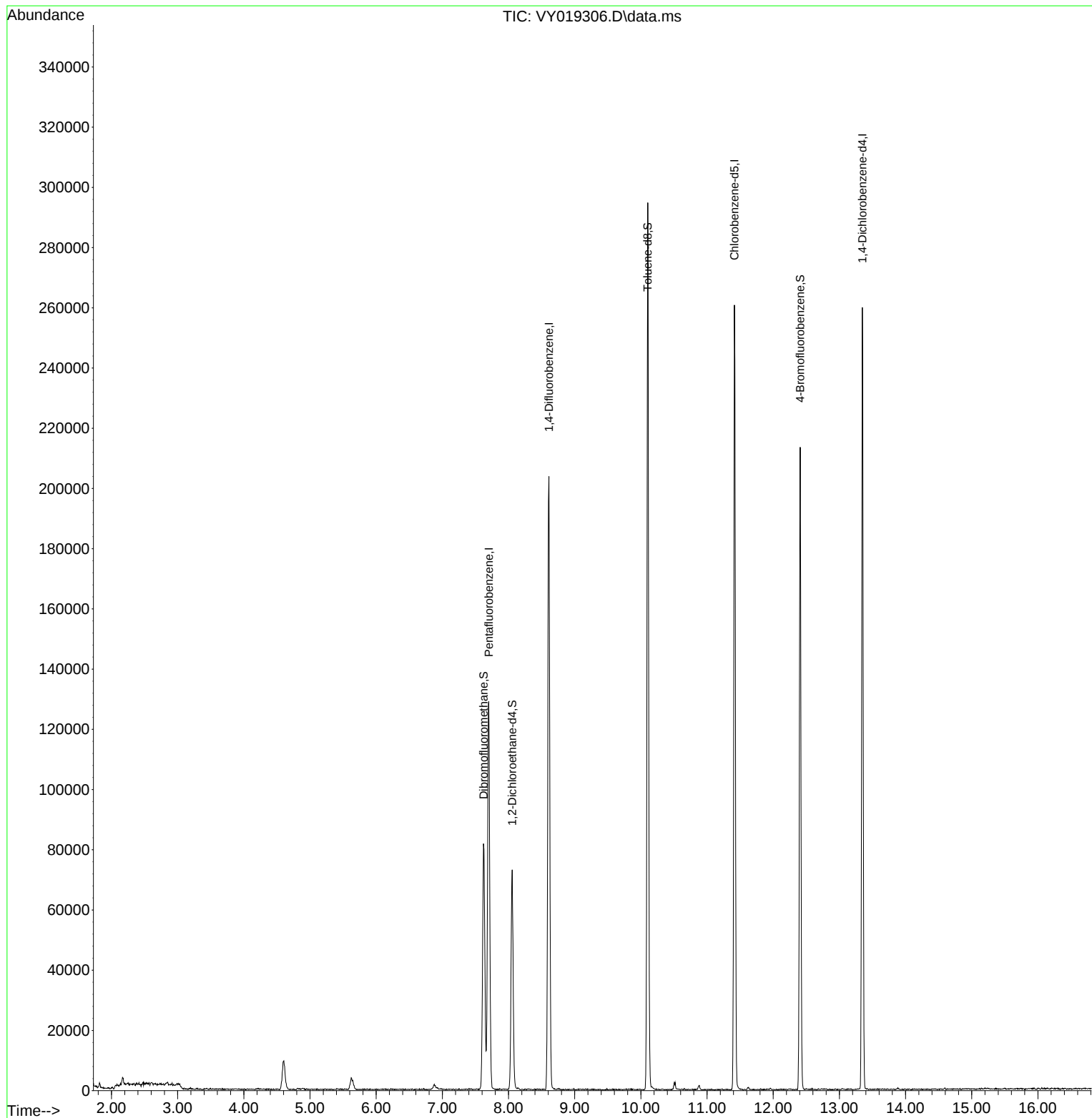
Target Compounds	Qvalue

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

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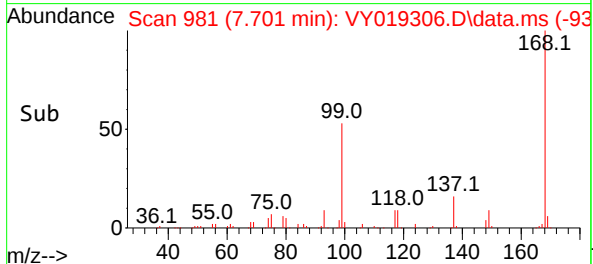
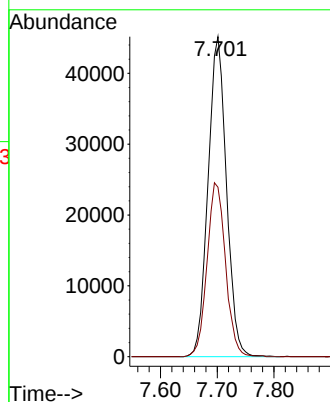
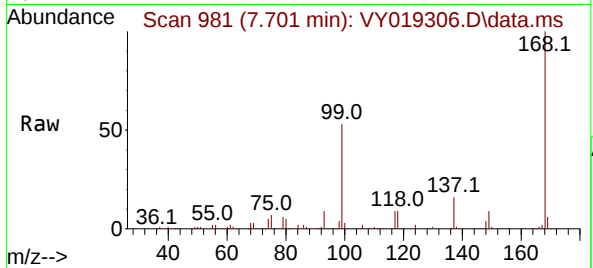




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019306.D
Acq: 28 Aug 2024 01:45

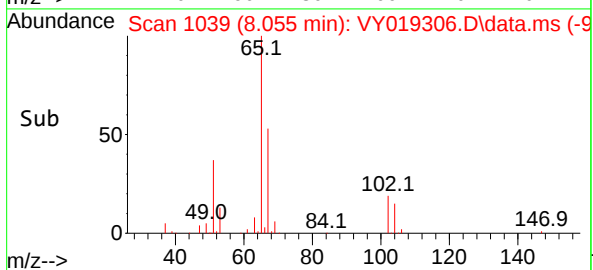
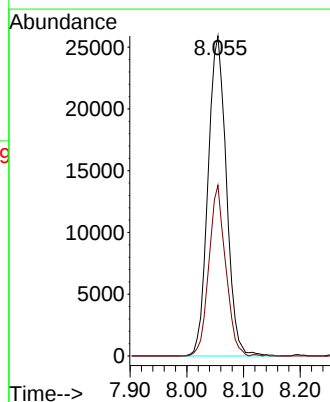
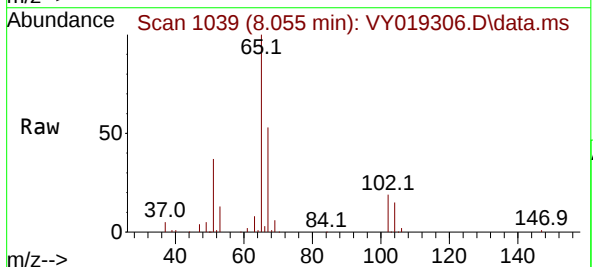
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 101813
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.993 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019306.D
Acq: 28 Aug 2024 01:45

Tgt Ion: 65 Resp: 58167
Ion Ratio Lower Upper
65 100
67 48.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019306.D

Acq: 28 Aug 2024 01:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

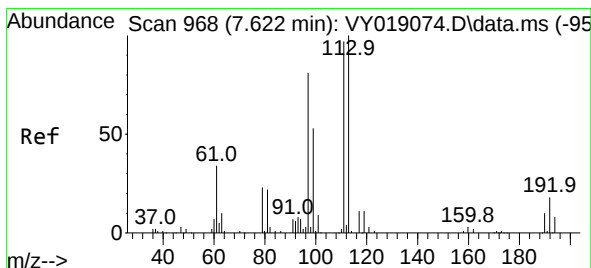
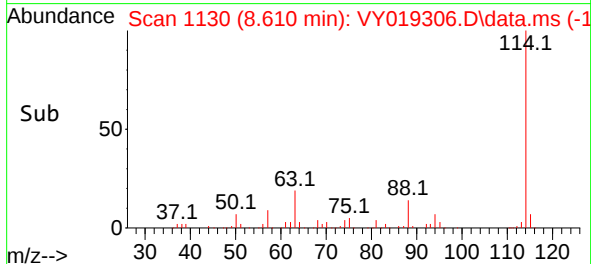
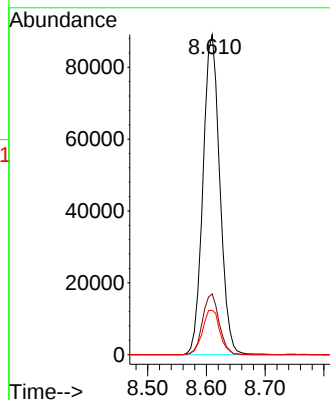
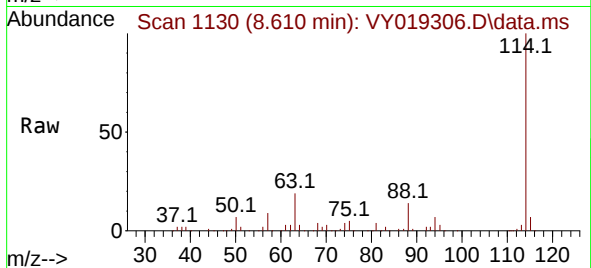
Tgt Ion:114 Resp: 177396

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.303 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019306.D

Acq: 28 Aug 2024 01:45

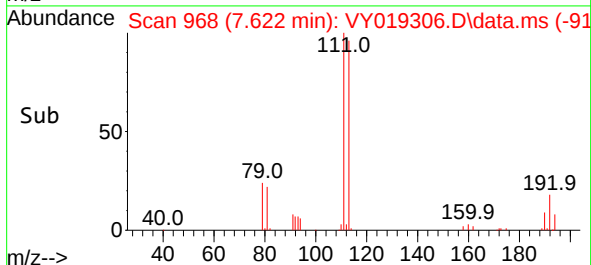
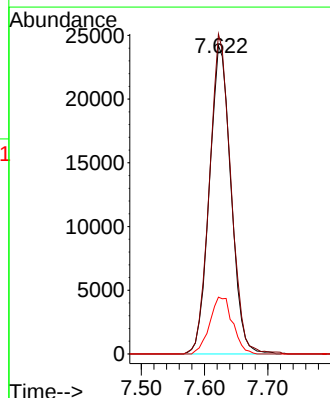
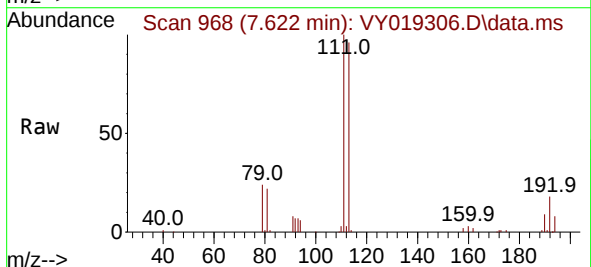
Tgt Ion:113 Resp: 57187

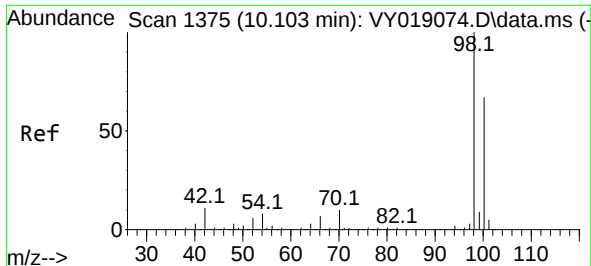
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.6 15.9 23.9

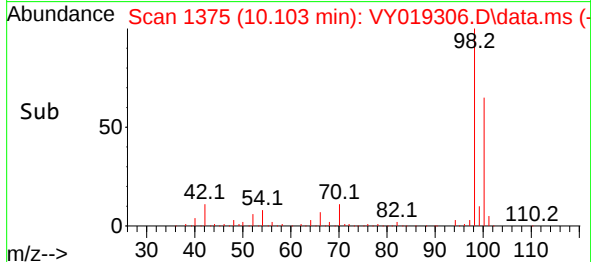
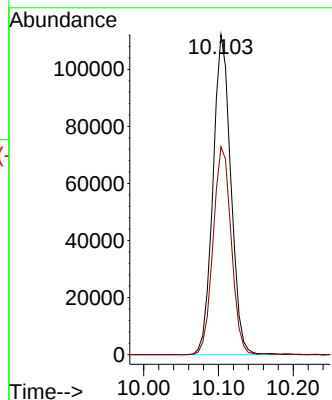
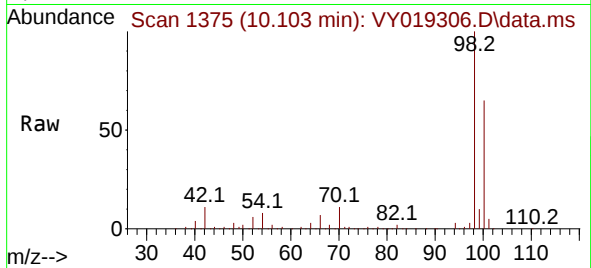




#50
Toluene-d8
Concen: 44.697 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019306.D
Acq: 28 Aug 2024 01:45

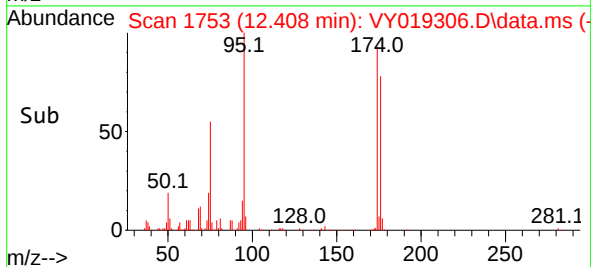
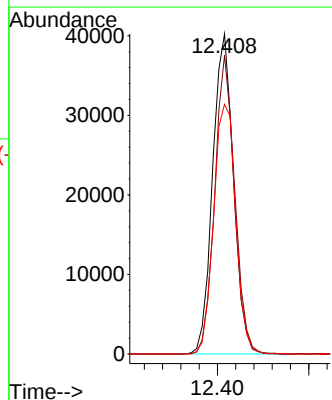
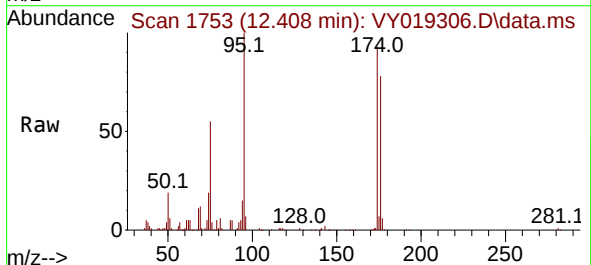
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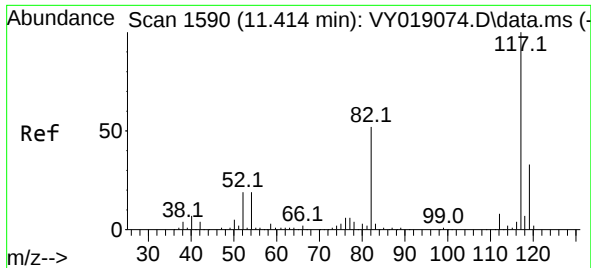
Tgt Ion: 98 Resp: 186572
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.603 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019306.D
Acq: 28 Aug 2024 01:45

Tgt Ion: 95 Resp: 63469
Ion Ratio Lower Upper
95 100
174 89.6 0.0 175.6
176 82.5 0.0 171.4

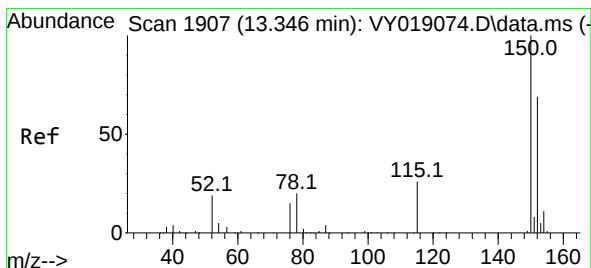
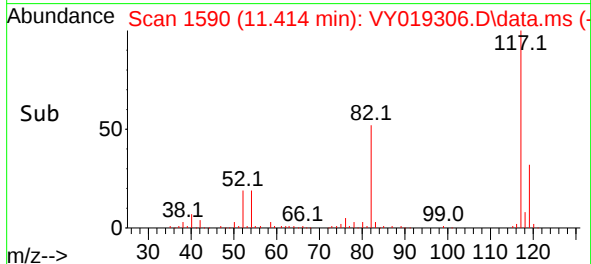
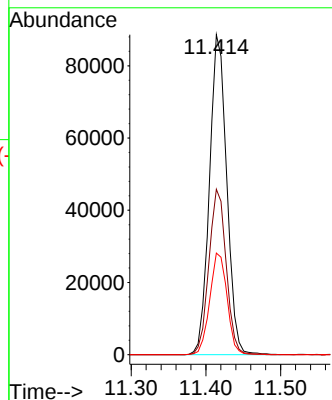
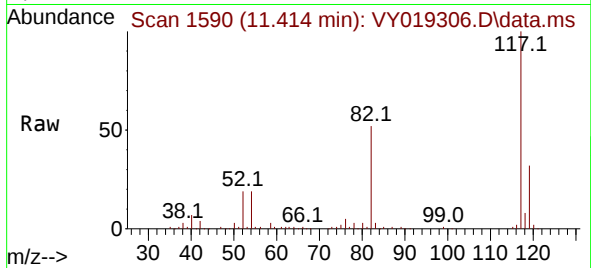




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019306.D
Acq: 28 Aug 2024 01:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 142358
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019306.D
Acq: 28 Aug 2024 01:45

Tgt Ion:152 Resp: 64754
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 152.8 0.0 345.6

