

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039104.D
 Acq On : 16 Sep 2025 14:10
 Operator : SY/MD
 Sample : Q3084-15DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 02:23:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

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

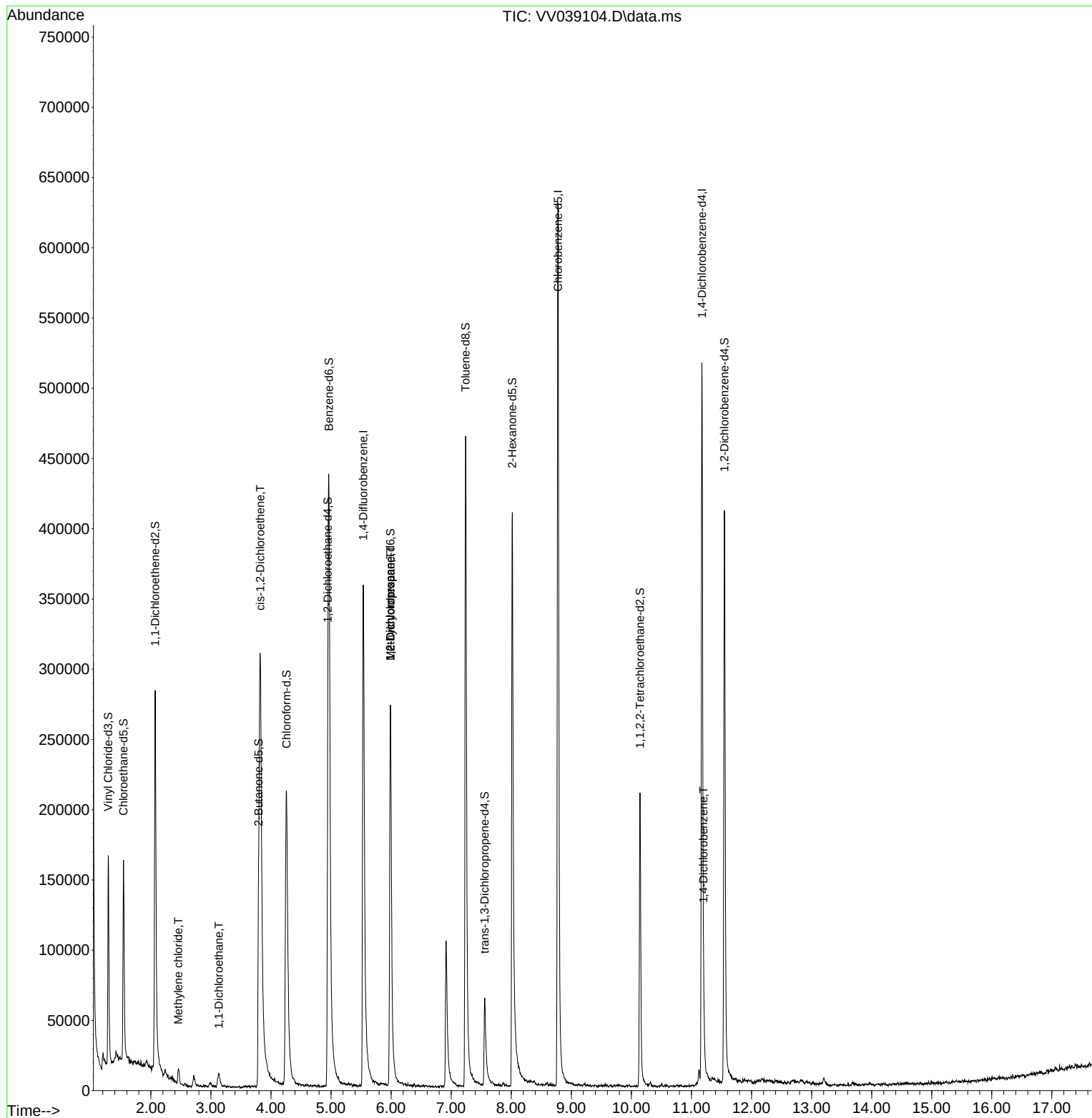
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	368091	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	376226	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	134931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	122238	4.211	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.545	69	115166	4.578	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.073	65	56150	4.060	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.200%	
20) 2-Butanone-d5	3.793	46	202086	46.867	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.740%	
24) Chloroform-d	4.259	84	259233	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	4.947	65	118271	4.981	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	4.963	84	459359	4.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	5.989	67	147920	4.807	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.240	98	348251	3.779	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.558	79	46390	4.122	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.018	63	157836	43.317	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.640%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	105957	4.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	11.551	152	107899	4.968	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.458	84	6376	0.187	ug/L	90
19) 1,1-Dichloroethane	3.134	63	11159	0.198	ug/L	99
22) cis-1,2-Dichloroethene	3.822	96	172579	5.748	ug/L	97
35) Methylcyclohexane	5.989	83	38064	0.762	ug/L #	20
37) 1,2-Dichloropropane	5.989	63	16370	0.533	ug/L #	88
65) 1,4-Dichlorobenzene	11.201	146	16450	0.361	ug/L	98

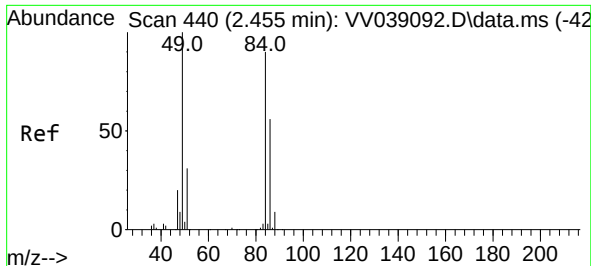
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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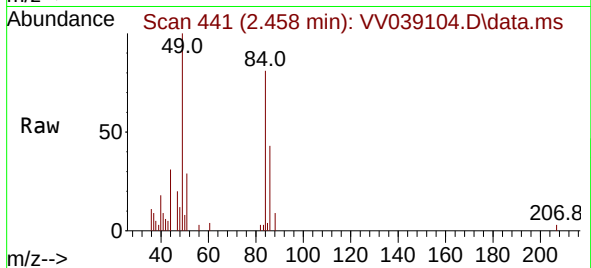
Quant Time: Sep 17 02:23:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
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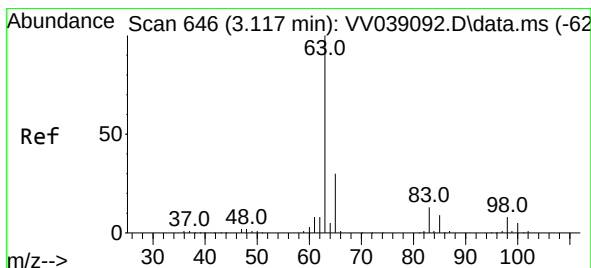
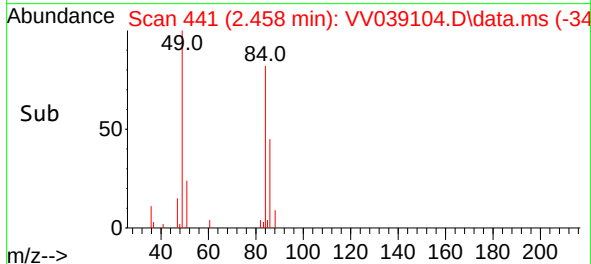
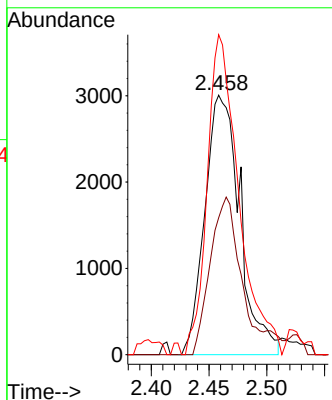


#16
Methylene chloride
Concen: 0.187 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039104.D
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Instrument :
MSVOA_V
ClientSampleId :

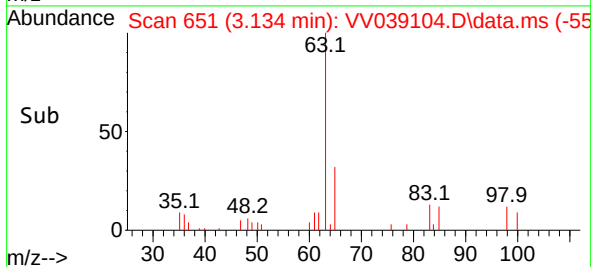
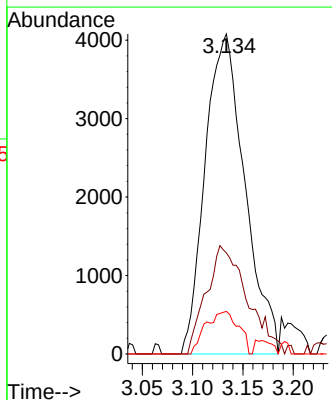
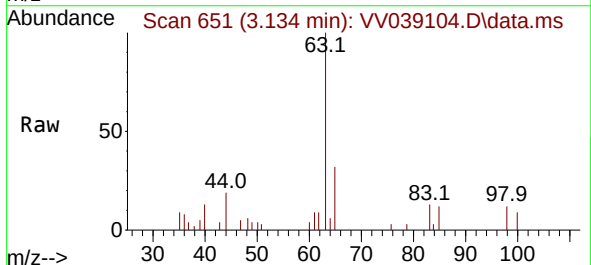


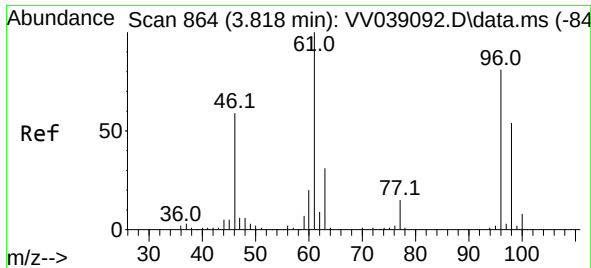
Tgt Ion: 84 Resp: 6376
Ion Ratio Lower Upper
84 100
86 52.8 44.2 82.2
49 123.3 80.6 149.6



#19
1,1-Dichloroethane
Concen: 0.198 ug/L
RT: 3.134 min Scan# 651
Delta R.T. 0.016 min
Lab File: VV039104.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 63 Resp: 11159
Ion Ratio Lower Upper
63 100
65 31.6 21.5 39.9
83 13.3 9.2 17.2

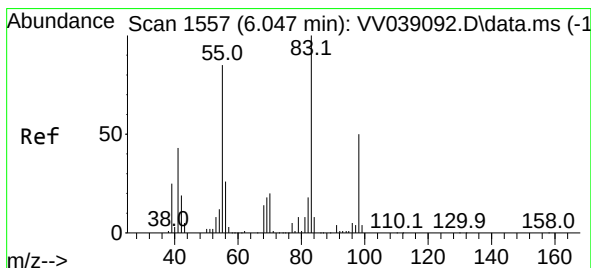
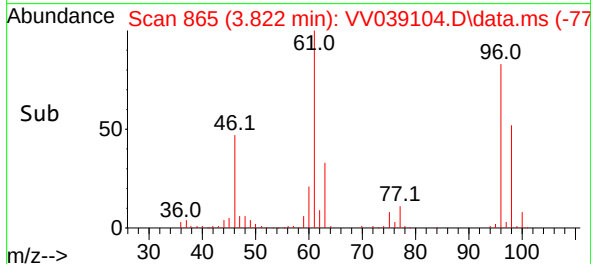
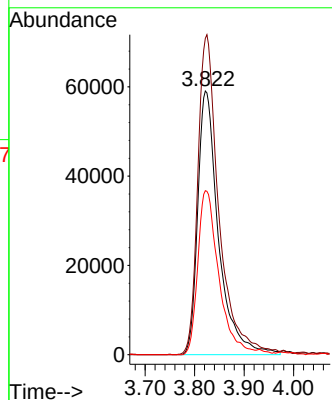
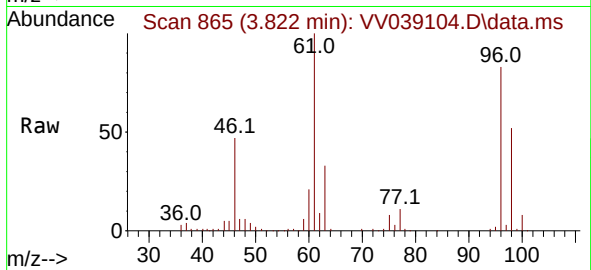




#22
 cis-1,2-Dichloroethene
 Concen: 5.748 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV039104.D
 Acq: 16 Sep 2025 14:10

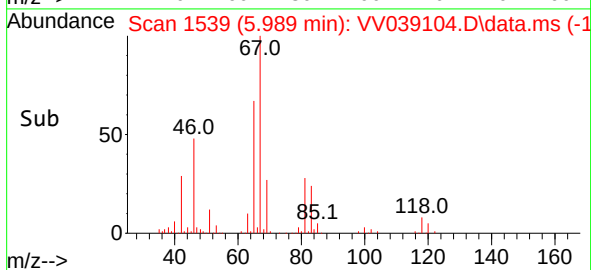
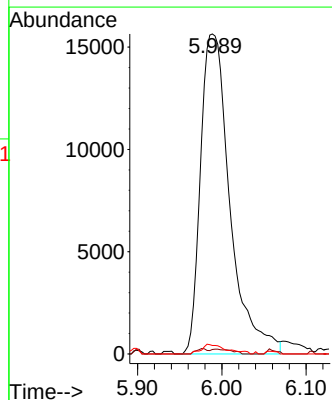
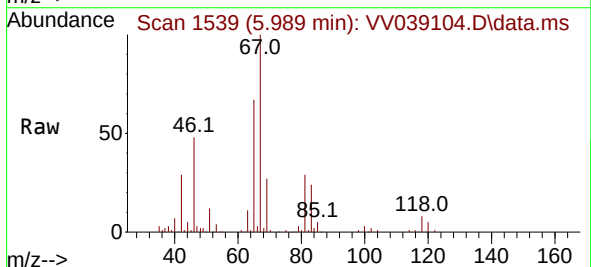
Instrument :
 MSVOA_V
 ClientSampleId :

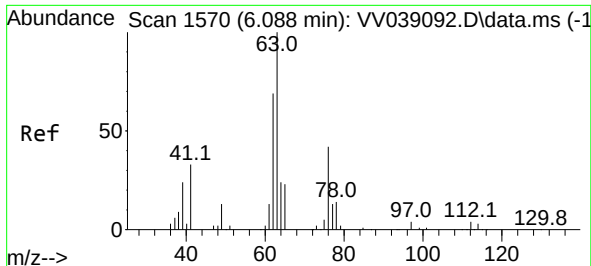
Tgt Ion: 96 Resp: 172579
 Ion Ratio Lower Upper
 96 100
 61 120.0 85.4 158.6
 98 62.2 46.6 86.6



#35
 Methylcyclohexane
 Concen: 0.762 ug/L
 RT: 5.989 min Scan# 1539
 Delta R.T. -0.058 min
 Lab File: VV039104.D
 Acq: 16 Sep 2025 14:10

Tgt Ion: 83 Resp: 38064
 Ion Ratio Lower Upper
 83 100
 55 1.0 61.4 92.2#
 98 2.4 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.533 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV039104.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_V

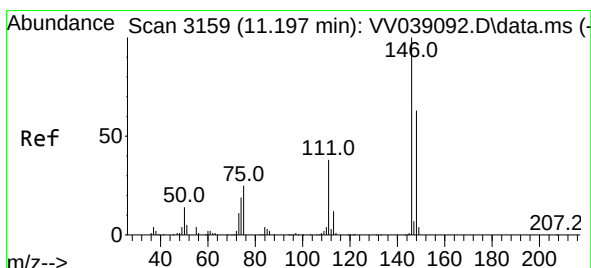
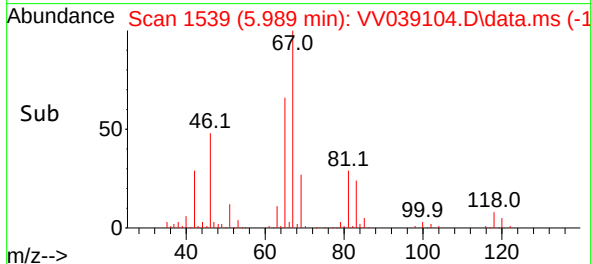
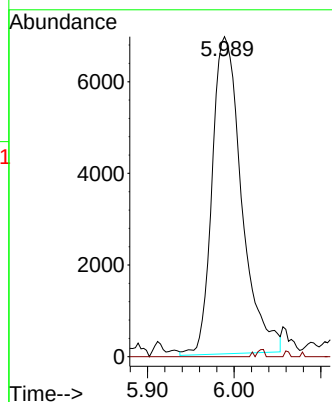
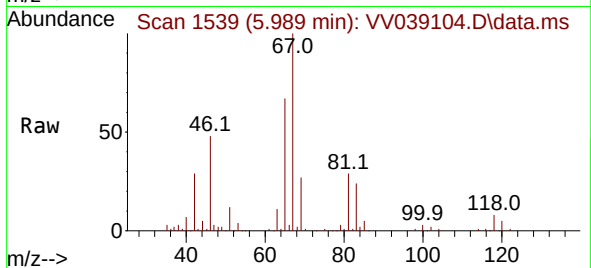
ClientSampleId :

Tgt Ion: 63 Resp: 16370

Ion Ratio Lower Upper

63 100

112 0.6 3.6 5.4#



#65

1,4-Dichlorobenzene

Concen: 0.361 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV039104.D

Acq: 16 Sep 2025 14:10

Tgt Ion:146 Resp: 16450

Ion Ratio Lower Upper

146 100

111 39.4 27.2 50.6

148 64.8 43.8 81.4

